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1905

Barteldes & Co.,

Price List,

AND Descriptive

CATALOGUE
1905

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Department of Agriculture
Washington, D. C.



COLORADO
SEED HOUSE,
DENVER,
COLO.

To Our Customers and Friends:

In presenting our Annual Catalogue and Price List for 1905 we extend to all a sincere and hearty New Year's greeting, and thank those who have favored us with their orders or have said nice things about us, for their past kind patronage, and trust we may experience a continuance of the same through the coming year. Your kind words have gained us many new customers, and we are glad to see that you appreciate our efforts to furnish the **best seeds in the market**. We have experienced a wonderful increase over previous years in the number of our patrons and will do our best to still further merit your appreciation. We spare neither pains or expense to add to our facilities for testing and otherwise handling seeds so that they will prove satisfactory, and avail ourselves of every improvement that promises any advantage to the growing of Superior Seeds in all our departments.

Our long experience in the West gives us peculiar advantages in the selection of varieties of both field, grass and garden seeds which are best adapted to the peculiarities of our western climate, above houses which are in remote localities, and we are to be found always abreast of the times with all the latest Novelties which in our judgment and after rigid test prove best for our customers.

The importance of planting **good seeds** is the **first** consideration. Remember, **poor seeds, poor crops**, no matter how great the pains taken in planting or cultivation. Get **only the best**. We keep them and our packets are liberally filled. Commissioned seeds, or those peddled about the country are unsatisfactory, and you run risks in buying them.

WE SEND OUT NO SEEDS ON COMMISSION.

Weights and measures guaranteed and prices as low as those of any other reliable seed house.

Our Vegetable Seeds.—We have spared no pains and cost to procure a stock of fine quality, growing most of them ourselves or having them grown for us by the best and most reliable growers in America and Europe, and feel confident that they will prove satisfactory even to the most critical gardeners.

Our Flower Seeds are all fresh, imported from the best houses in Europe. We have a fine and selected stock. Try them.

We carry a large and choice stock of **Grass Seeds** adapted to the climate of Western States. Orders always filled promptly at lowest market price.

Terms of Sale.—Cash with order. **Remittances** may be made at our risk by draft, money order, cash by express or in registered letters. We will take 2c. postage stamps in moderate amounts. Money orders are always safe, and in case of loss quick adjustment can be made. **POSITIVELY NO GOODS SENT C. O. D.**

ABOUT GUARANTEES, ETC.

Seeds of the best quality are apt to fail through improper treatment by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to the temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions are apt to decay. The young plants are liable to various accidents, cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impractical to guarantee seeds. Barteldes & Co. give no warranty, expressed or implied, as to description, quality, productiveness or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

SEEDS DELIVERED.

Seeds by Mail.—We furnish all Garden and Flower Seeds at the prices on the following list, postage paid, except heavy seeds, such as Beans, Peas, Corn, Onion Sets, also Clover, Grain and Grass Seeds. For these it will be necessary to add to the remittance eight cents per pound, to cover postage.

Seeds by Express or Freight.—When seeds are ordered by Express or Freight at purchaser's expense, and are priced prepaid, customers may deduct from price 10c. per pound. Often we ship prepaid by express seeds offered by mail, when same is convenient for customers to receive goods that way.

PREMIUMS on Orders for Seeds in Packets and Ounces Only.

| | | | | |
|---|--------|--------|--------|--------|
| Customers sending..... | \$1.00 | \$2.00 | \$3.00 | \$4.00 |
| May select extra seeds in packets and ounces to value of..... | .25 | .50 | .75 | 1.00 |

THIS DISCOUNT only applies to orders for Vegetable and Flower Seeds in packets or ounces and does not include seeds by weight ($\frac{1}{4}$ lb. and over), or collections, or bulbs and plants, nor can it be applied to orders sent at different times during the season.

We Propose to Treat all Orders Liberally. We throw in Extras for Trial.

PREMIUM BOOKS WITH SEED ORDERS.

With every order for Vegetable or Flower Seeds amounting to **Two Dollars** or more we give Fitch's book, "Practical Suggestions for Vegetable Culture," free, if asked for when ordering. These are in addition to premium in packets.

Or if order for Vegetable or Flower Seeds amounts to **Five Dollars** or over we give free Prof. Green's latest edition "Vegetable Gardening," 115 illustrations; paper cover.

Please note there are no premiums or extra packets given with orders for Grass or Field Seeds, Implements, sundry articles, etc.

Market Gardeners should ask for special price list. We can correspond in German, Spanish or French.

Address all orders to

BARTELDES & CO.,

1521 15TH STREET, DENVER, COLO.

Order Sheet for 1905.

8 cents per pound for postage on Beans, Corn, Peas, Grass Seeds, etc., and 10 cents per quart for Onion Sets must be added to amount of Order when these goods are wanted by mail. Other seeds priced per packet, ounce, one-fourth pound, and pound, are postage paid unless otherwise mentioned in Catalogue.

 Write your Name and Address in Full, very plainly.

NO GOODS SENT C. O. D.

SEND MONEY WITH ALL ORDERS.

Packed by.....

Date

Sacks..

Box Bbls

Total number Pkgs.,

BARTELDES & CO., DENVER, COLORADO.

Forward by { State on this line whether wanted } to
by Mail, Express or Freight. }

Amount Enclosed, Post Office Order, - \$.....

Your Name_____

Order No.

Express Order, - \$.....

Post Office

Bank Draft, - - - \$.....

County _____

Cash, - - - - - \$

State _____

Stamps, - - - - - \$.....

2c. stamps preferred.

Total, \$.....

Express or Freight Office.....

Date, 1905.

[illegible]

Do you grow for Market or Home use?

If you have anything to write us with this order, please write it on a separate sheet.

SOME NOVELTIES IN



NOTHING offered in our catalogue except after it has proven worthy.

FOLIAGE BEETS.

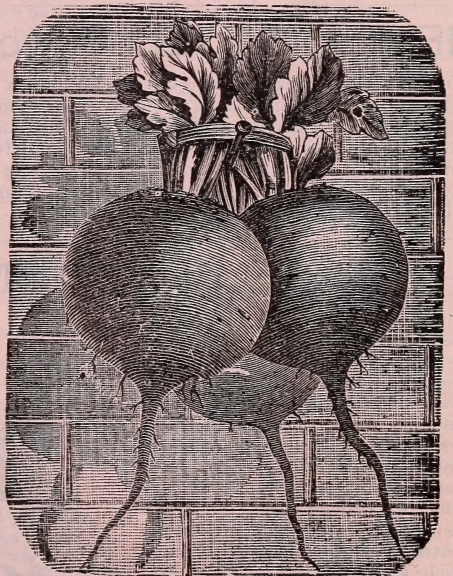
This beautiful class of vegetables belongs to the Swiss Chard variety of Beets, and while they make no bulbs, their broad, succulent leaves make most delicious greens. They are, however, novel and highly ornamental plants and for the centers of beds of other ornamental leaved sorts present a splendid tropical effect not excelled by any other. Their slightly recumbent foliage has prominent and brilliantly colored mid-ribs which extend through scarlet, crimson, yellow, gold and silver. Of easiest culture and a grand novelty. Sow in drills and transplant to rich location. Give plenty of water. Mixed colors. Per pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

CHINESE SAGO BEANS.



Known in California as Loukdaw, where it is relished as a Chinese vegetable. To prepare it for the table it is soaked in the water for several days, changing water frequently until it begins growing and the sprout is about half an inch long. When boiled they make a nice fresh dish for the table. In this way fresh vegetables can be had in the winter. It will make a new dish for your table and a fresh vegetable at any time of the year. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c

JOHNSON'S DARK-LEAVED GLOBE BEET.

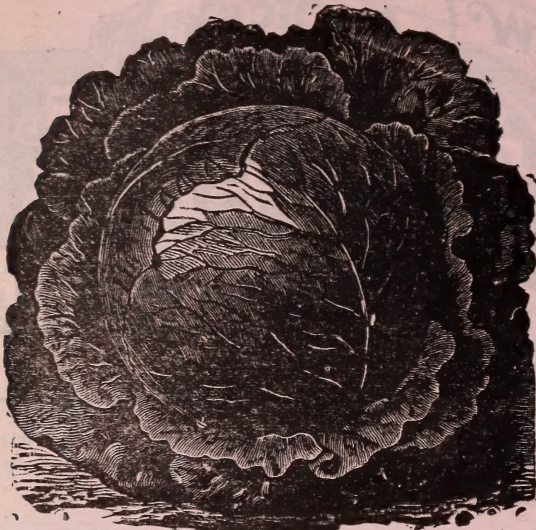


Hitherto the improved selections of turnip-rooted Beet have been wanting in that important essential, a dark leaf. The novelty we now offer has not only a dark leaf like the best decorative strains, but is equal in the color of the flesh to any fine selection of the Dell's type. These two important features, coupled with its handsome form, places it in the front rank of this class of Beet. Supply is limited and this season is offered in small quantity only. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

RUNNER FLOWERING BEANS.

Rapid climbing plants are always desirable for use in hiding old fences, etc.; also over arbors, trellis, etc. We heartily recommend the Runner Flowering Beans and have the following separate colors: Scarlet, White, Tri-Color. Pkt. 5c., $\frac{1}{4}$ lb. pkg. 10c., $\frac{1}{2}$ lb. pkg. 15c., 1 lb. pkg. 25c. By mail add 8c. per lb.

GOOD SEEDS ARE NOT SOLD AT HALF PRICE.



TRUE DANISH BALL HEAD OR HOLLANDER CABBAGE.

This variety, known as Ball Head has been selected and brought to perfection for more than fifty years by Danish Gardeners, who grow it almost exclusively for winter use. Bears shipping well and keeps far into the spring. Heads round as a ball, extremely solid and fine grained, excellent cooking qualities. Our largest cabbage growers have had best returns from the Hollander. Takes full season to make matured heads. Order the **Genuine Hollander** of us and don't be fooled into buying so-called Hollander at low prices. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., 1b \$2.50.

NEW CABBAGE GLORY OF ENKHOUSEN.

Amongst many white Cabbage sorts none of them combines these two so desirable qualities of being early and large so well as the above named sort. We can recommend this sort as a **really early one** (about Early Flat Dutch as regards earliness) but at the same time making fine, large, round ball-shaped heads, particularly attractive for market purposes.

The plants are somewhat pale green, and in proportion to the whole make very little outside leaves, and fine, large, round, thin-ribbed hard heads.

For the market one of the very best selling sorts.

Price per packet 10c., 1-2 oz. 25c., per oz. 40c., per 1-4 lb. \$1.00.

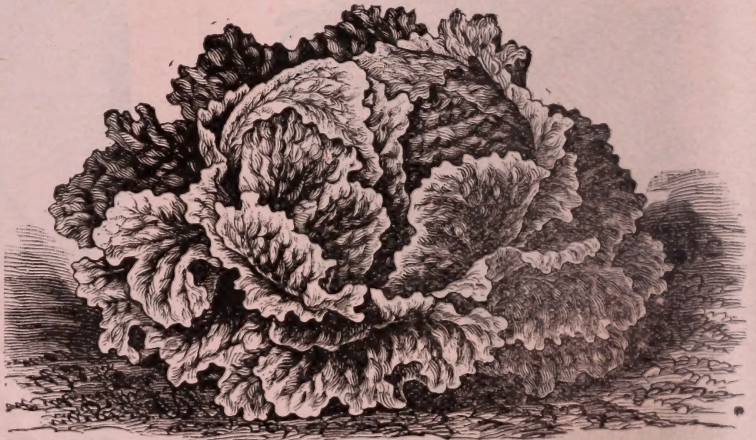
NEW LARGE YELLOW or GIANT AUSTRALIAN CARROT

In this new competitor among Carrots we have a variety which excels all records of even the large Belgian sorts, hitherto the champions among Carrots. In size, yield, weight and quality, it is ahead of them all. It is reported that a single specimen has attained a weight of 15 lbs., and an average yield of 50 tons per acre. This variety originated at the Australian Experiment Station at Sidney. It is of a beautiful yellow color which gives to the butter that rich golden hue we all admire. Its enormous yielding characteristics save one half the cost of harvesting, and reduces the cost of seed to a minimum, as it takes only two pounds to seed an acre.

Price per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., 1b. \$1.25.

BARTELDES' "FRENCH FORCING" LETTUCE.

For several seasons we have experimented with many strains of lettuce to secure a variety that is especially suited to growing in hot beds and green houses in winter months, and at the same time be a variety that will be liked in our most critical markets. We have now secured this French variety that we believe suits our trade better than any variety ever yet introduced. It is sufficiently curly to be attractive, yet makes a reasonable solid head with scarcely any outside leaves. Its solid, upright shape allows of close planting, and less likely of rotting on lower leaves. It also does well in open ground. Gardeners will do well with it, either in or out doors. Liberal pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.



MUSTARD-OSTRICH PLUME.

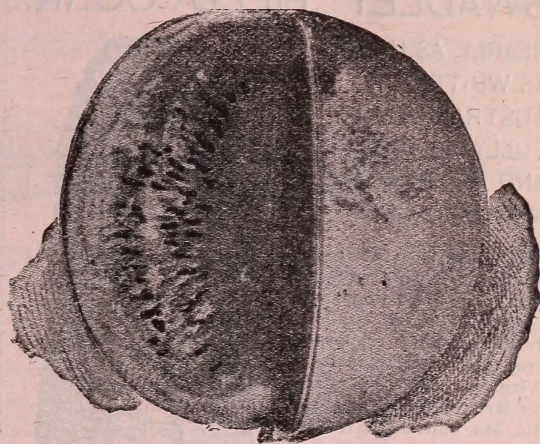
The leaves are long, ruffled and frilled and curved as gracefully as an Ostrich Plume. Is especially good as a salad and as greens; it is equal to spinach. The growth of leaves makes it a very ornamental plant.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

For Insecticides, Tobacco Dust, Etc., see page 80.

KING AND QUEEN WINTER WATER MELON.

Average Weight 25 pounds. Spherical in shape, ivory shell, pink center, seeds black. The most luscious, handsome and valuable winter melon in the world. It is very hardy, does well in any soil which grows melons, never sets an imperfect specimen on its vine, ripens every melon in less than 120 days, has not yet crossed with any other melon. It is a prize taker anywhere. These melons have been shipped into this market as late as December. Ripens on the vine the third week in August and does not change its condition for ninety days if not bruised. Shell is as hard as an egg shell and the melon ripens to within one-eighth of an inch of the shell. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.



AUSTRALIAN CRIMSON WINTER RHUBARB.

We are indeed pleased to include in our list of tried and most important Novelties the **New Australian Crimson Winter Rhubarb**, a recent introduction by Luther Burbank of Santa Rosa, California, whose name alone carries with it a guarantee of excellence.

This remarkable Rhubarb is described as follows: "Stalks medium size, well grown ones averaging 12 to 18 inches in length and about $\frac{3}{4}$ to 1 inch in diameter. They are a pale greenish crimson color, turning when cooked, to a light, clear crimson, and are of the very best quality. Plants inclined to bloom more than any other sorts, but this is easily remedied by topping. Will produce marketable stalks abundantly fully six months before any other variety. For forcing under glass, for a continuous home market, and for shipping this grand sort beats them all, and has a great future before it." **Crimson Winter** is all that can be desired, as it comes in at a time of year when other fruits and vegetable are scarce. Our supply is very limited. While it lasts can furnish seeds in pkts. only and at 25c. per pkt., postpaid. Roots of same at 40c. each, or three for \$1.00, postpaid.

IF YOU WANT THE BEST WINTER CABBAGE ORDER OF US THE
... DANISH BALL HEAD ...

SOLID, PURE WHITE HEARTED. BEST FOR KRAUT. KEEPS BEST OF ALL.

GARDEN SEED COLLECTION.

30 WELL FILLED PACKETS OF GARDEN SEEDS FOR \$1.00.

One Package of each of the following:

Yorkshire Hero Peas,
Alaska Peas,
Cheese Pumpkin,
Denver Market Lettuce,
Dwarf Champion Tomato,
Early Minnesota Sweet Corn,
Eclipse Beet,
Hubbard Squash
Glass Radish,
Rocky Ford Watermelon,

Hollow Crowned Parsnip,
Rocky Ford Muskmelon,
Jersey Wakefield Cabbage,
Golden Wax Beans,
Kolb Gem Watermelon,
Long Green Cucumber,
Curled Cress,
Moss Curled Parsley,
New Stone Tomato,
Non-Plus-Ultra Radish,

Early Summer Cabbage,
Oxheart Carrot,
White Bush Squash,
Prizetaker Onion,
Purple Top Turnip,
Rosy Gem Radish,
Red Wethersfield Onion,
Early Blood Turnip Beet,
Boston Pickle Cucumber,
White Plume Celery.

A COMPLETE FAMILY GARDEN FOR ONE DOLLAR.

As these Garden Seed collections are put up in advance, we cannot allow any change from above. The above collection will be sent by mail postpaid. **No Premium allowed on this Collection.**

Our prices on seeds in pkgs., oz., $\frac{1}{4}$ and lbs., include postage, except where noted. If sent by **Express or Freight** customer paying charges. 10c per pound may be deducted from catalogue prices, except on heavy seeds such as Beans Corn, Peas, Onion Sets and Grass Seeds.

SWADLEY FIELD CORN.

NEARLY AS HARDY
AS WHITE
AUSTRALIAN AND
FULLY AS EARLY,
AND YIELDS MORE
MATURED CORN.

This cut is a fair representation of the true Swadley Field Corn which was originally brought to Jefferson County, Colorado, from the mountain farms of Virginia twenty years ago, by Mr. George C. Swadley. He has cultivated it ever since and has supplied us for several seasons, though never having enough to fill all orders.

We are firmly convinced that it is the corn for uplands and worn out soils, where it produces 20 to 35 bushels of ears per acre. It stands drouth nearly as well as White Australian. It is much softer kernel, being a pale yellow dent. The ears will average 8 inches long, 12 to 16 rowed. One-third of the crop will yield 2 ears on a stock, maturing in 90 to 100 days. Eight pounds of seed will plant an acre, 3 feet, 8 inches, check-rows. This is the corn for our short season districts. Give it a trial, you will be pleased. Price, 1b. 10c., 3 lbs. 25c., 10 lbs. 50c., postage extra. For large quantity, see price list Field Seeds.



CORN WHEAT.

For several seasons we have heard much about Corn Wheat. Last season the Department of Agriculture at Washington put out several trial lots in Colorado. We now have a limited supply of the seed from the original government stock.

One of the admirers of Corn Wheat says: It produces a good crop on light semi-arid poor soils and will produce more and better hog feed than any other grain excepting corn, but can be grown in sections where corn will not thrive. In Colorado it flourished last year in the dry districts and is certain to be a profitable crop for home use. The supply at present is limited. Prices, 1 lb. 10c., 3 lbs. for 25c., 10 lbs. 75c.

If wanted by mail, add for postage 8c. per lb.

The introducer claims it to be ready for the table in five weeks and a crop matured in nine weeks. This much we do know that last season at Fruita, Colorado, it was tested with twenty other early varieties and proved itself the earliest of any in the lot. It is an enormous yielder, producing 300 to 400 bushel to the acre under ordinary cultivation.

Price for stock this season: 2 lbs. for 15c.; 5 lbs. for 25c.; 10 lbs. for 40c.; 25 lbs. 75c.; 100 lbs. for \$2.00.

If wanted by mail add 15c. per pound to pay postage on extra packing.

PENCILARIA.

AN IMMENSE PRODUCER OF GREEN FODDER

We have frequently announced in our Annual Catalogue that we refrain from offering to our customers the "new varieties" until we had tried or satisfied ourselves that these new varieties have merit. Pencilaria has been experimented with two and three years, and from near all localities we hear of wonderful results.

It would seem as if it would grow in all kinds of soil, and in near all climates, we are yet to learn of trials in the higher altitudes. The stalks grow 10 to 12 ft, and are covered with a luxuriant growth of leaves which make excellent fodder. The quality of fodder is better than Kaffir, though perhaps not as sweet as Amber Cane, yet produces much more.

The seed is usually sown in drills 24 to 30 inches apart, scattered to average 3 inches apart, and not covered more than half an inch. Two and three cuttings are easily made. Per ¼ lb. 20c., 1b. 60c., postpaid; 5 lbs., not prepaid, for \$2.

NEW MARKET OATS.

A Variety from Scotland.

Last season we secured a stock of this famous and grand variety on the recommend of Mr. Eugene Grubb, who has seen it growing in Scotland. Mr. Grubb brought to America the original import stock. It proved all that was claimed for it and even greater in yield, thus we have no hesitancy in offering it to the most critical oat farmer.

The growth is very erect, and while the stem is large it carries much more nutriment as a fodder than any American variety of Oat grown in Colorado.

The yield last summer was enormous and very early indeed.

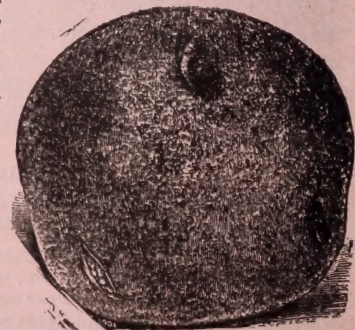
The grain is simply handsome, large kernel, with clean, bright color. This year's crop averages 42 lbs. to the bushel, yet it is NOT HARD kernel.

10 lbs. for 80c., 32 lbs. for \$1.50
64 lbs. (enough for one acre) \$2.75.



THE ACME POTATO.

A new early variety
of pale pink color.



RUSSIAN SPELTZ OR EMMER.

A grain of wonderful hardiness and productiveness, introduced in a limited way four seasons ago, long enough to convince us of its value to our western farmers and stock raisers. All reports are very favorable; have heard nothing but praise for it.



This grain grows tall like rye and matures as early as barley, and each year when tested by the side of each it has yielded twice as much per acre as oats and three bushels to one of barley, and is a much better feed for stock than either. It yields from 40 to 80 bushels to the acre, and from four to six tons of straw hay.

You who are interested in your own success will admit that if possible we want to raise grain that is adapted to this country. We are satisfied from experience that this is the coming feed for all kinds of stock. Tough and hardy, it stands the drouth better than any other grain, making it a sure crop.

It is a grain to sow for profit. Your chickens and geese, your horses and colts, your cows and calves, your sheep, lambs and swine, all will eat it eagerly and flourish.

The culture of Speltz is simplicity itself. Its just as easy as sowing oats or wheat. Prepare your land as you would for wheat or oats, and sow at the rate of 70 to 80 lbs. per acre. Sow very early in the spring, and do not let it stand until it gets too ripe before cutting as any grain that yields well shells easily. In the green state it makes an excellent pasture.

There is no standard or legal weight per bushel for this grain, but generally 40 pounds are given and taken.

Price. 5 lb. for 25c.; 25 lb. for 65c. Special prices on large quantities.

MACARONI WHEAT "KUBANKA."

THE WHEAT USED FOR MAKING MACARONI. A WHEAT THAT WILL GROW WHERE OTHERS FAIL. A VARIETY THAT CONTAINS A GREAT PER CENT OF GLUTON.

Before offering this new variety we made thorough inquiry among reliable and practical men that have experimented with it, and we now feel confident that we are offering a very valuable grain and just what many localities need. In the north and where there are very cold winters it is considered a spring wheat, while Prof. Carlton of Washington, D. C., says it winters in Kansas and the Southern States. The O. K. Live Stock Co. of Oklahoma have tried it as spring wheat and also fall sowing and say it stands the winter there perfectly.

Prof. Boss of Minnesota Experimental Station writes us: "We have just harvested our first crop. We do not know so much about their qualities in alkali soil as we wish but as near as can learn, they require about the same conditions of soil as other wheats. They seem to have an ability to yield better than our common spring wheat."

Prof. Shepperd of North Dakota, writes us: "It has proven an extra good yielder and more drouth-resistant with us at the Experimental Station than our ordinary wheat."

At the South Dakota Station in the discouraging season of 1900 they yielded about thirty bushels per acre when other varieties made but two to eight bushels. In North Dakota the yield has been several bushels better than the best bred Fife or Blue Stem wheats. In both these cases the grain was sound, of a clear color, and of good appearance, though the conditions for 1900 were quite damaging to other varieties in North and South Dakota. Trials made by private parties have given equally good results in Kansas, Colorado, Texas, Idaho and California.

Others tell us it does well on alkali soil and produces crops in dry seasons where others fail.

Our seed is Colorado grown.

We feel that every farmer in the west should try it and decide by experience whether or not desirable for his locality. We have a good supply this year and can fill all orders promptly. Prices per pound, by mail, 15c.; delivered at express office or depot here, 5 lb. sack 25c., 25 lbs. for \$1.00. Prices for larger quantities on application.



TURKESTAN ALFALFA.

A GREAT DROUTH RESISTER IMPORTED FROM EASTERN EUROPE.

This most valuable new variety was sent out by the Department of Agriculture five years ago in a small way, and it has given such excellent satisfaction that we have decided to list it. Two years ago we made a trial and have waited two seasons before we decided to offer it to our customers. It is more hardy than the ordinary variety, having stood a temperature of 40 degrees below zero when the ground was bare. It will also stand extreme drouth, as it comes from a locality where the summers are very dry and hot, and the winters extremely cold. It is considered of the highest value throughout Central Asia, and is practically the only hay fed to the cattle there. We believe that the farmers of this country will find it of special value, as it is superior to the common variety, growing more vigorously and making not only a larger top growth, but much better root growth. Trial pound 40c. postpaid. 5 to 20 pounds, not prepaid, at 20c. per lb.



Rocky Mountain Columbine.



This is Colorado's emblematic flower, and is also embodied in our trade mark. The shade of blue in the blossom is a color not easily described and yet remembered by all who have seen it in the Rocky Mountains. We have shipped both plants and seeds to foreign countries as well as to nearly every state in the Union. It is perfectly hardy, grows one to three feet high and produces blooms in great profusion. Is decidedly of different shape blossom from the common Aquilegia. It

needs to be seen to be appreciated. Pkt. seed 10c. Strong roots in season, each 20c., 3 for 50c., postpaid.

Two New Grand Eschscholtzias or California Poppies.

DOUGLASII. We can confidently recommend this new California Poppy on account of its extraordinary early flowering being in full bloom at least a fortnight earlier than the other kinds. The color of the flowers, which are from $1\frac{1}{4}$ to $1\frac{3}{4}$ inches across, is a pure golden yellow with a dark yellow center, giving it a pink shade. Foliage glaucous and finely divided. Pkt. 10c.

"THE GOLDEN WEST." The flowers of this grand new variety measure from 3 to 6 inches in diameter; they have very large, overlapping petals, often daintily waved at the edges. They are of various forms, some flat, some cup-shaped, others very deep with flaring edges. They are of a light canary-yellow color, with an orange blotch at the base of the petals, which blotch often suffuses almost the whole flower. They are decidedly beautiful. Pkt. 10c.

Cosmos, Dwarf Early Flowering "Dawn."

This is a beautiful white, with just a touch of delicate pink at the base of the petals, and being of the early flowering strain it is doubly attractive and desirable for the flower garden. You will be well pleased with your investment in this seed. Our seed is direct from the grower. Pkt. 10c.

Horned African Cucumber.

A remarkably curious novelty which is not only an excellent fruit for table use or pickling, but a highly ornamental climbing vine of most luxuriant growth and fine for trellis or screen. It is the fruit, however, which is the most curious and distinct feature. It averages when matured, about 4 inches long by $2\frac{1}{4}$ in. diameter, and is covered with strong protruding points or horns. The skin is perfectly smooth and of a very deep dark green. When the fruits ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and are then highly ornamental. Will keep sound for weeks. Pkt. 10c., oz. 25c.

Job's Tears,

An old-fashioned, but valuable remedy for sore throat, goitre and teething babies, when the seed is strung on linen thread and worn around the neck as a chain. They are cheaper than amber beads, which are used for the same purpose, and are a surer cure. Also used to advantage in basket making and raffia work. $\frac{1}{4}$ lb. 20c., 1b, 60c., postpaid.



New Giant Hyacinth-Flowered Candytuft.

This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are a pure white, and furnish excellent material for cutting. Pkt. 15c.

Burbank's New

"Shasta Daisies."

The seed we offer is Mr. Burbank's own selection and therefore vastly superior to seed saved from inferior plants.

"To-day no other flower can compare in extent of usefulness. Their first quality is hardness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial blooming better and more abundantly each season. Third, they can be multiplied rapidly by simple division and they are not particular as to soil. Fourth, they bloom for several months—in California nearly all the year. Fifth, the flowers are extremely large and graceful—averaging about a foot—often more in circumference with three or more rows of petals of the purest glistening whiteness on single, strong, stiff, wiry stems, nearly 2 feet in length." Pkt. 15c. Plants 25c. each, 6 for \$1.00 prepaid.



NICOTIANA SANDERÆ.

THE FLORAL SURPRISE OF THE CENTURY.

The New Novelty in Hardy Flowering Garden Plants bears the name of *Nicotiana Sanderæ*, and if the descriptions of its introducers are true—and they are among the leading florists of America—it is truly a wonder. The shape of the flower resembles that of the *Nicotiana Affinis*, but the flower tube is short and stout and it is claimed to come true from seed. But the greatest beauty of it all is the brilliancy of its Carmine-red flowers which are produced in the greatest profusion from early May till close of autumn. The fragrance is not so pronounced as that of *Nicotiana Affinis*, but is deliciously sweet. Plant early in spring, same as other hardy plants, and transplant to open ground when weather is suitable. Being of dwarf habit, plants can be set closer to each other than the old sort. Price per packet, by mail, 25c



STOKESIA CYANEA,

THE CORNFLOWER OR STOKES' ASTER.

This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cut-flowers in the Autumn.

We have no hesitation in saying that *Stokesia* is one of the most valuable and desirable hardy plants offered.

This season we offer seed only. Packet, 10c.

CHRISTMAS PEPPER.

The plants grow about 12 to 15 inches high and are covered with their scarlet fruit which stays on for months. It is a selection from the Celestial Pepper, but it is now entirely distinct from it, the fruit is smaller, more chunky and the plants grow more compact, while the fruit is borne right above the foliage, and therefore present themselves to the best advantage. This Pepper is of easiest culture. It is one of the prettiest pot plants; and everybody can be successful with it. Pkt. 15c.

MEXICAN BURNING BUSH.

This we consider one of the most ornamental border or hedge plants which has ever been brought out and it is sure to attract great attention. It is known botanically as *Kochia Scoparia*. It grows quickly from seed sown in the open ground. The plants are always of the rounded or globe-like form shown in our illustration. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round, ball-like form on all sides or grown in continuous rows. Per pkt. 10c.



NYMPHAEA ZANZIBARENSIS.

(ZANZIBAR WATER LILIES.)

RED AND BLUE FLOWERED. Beautiful and showy Water Lilies which can be grown readily from seed, blooming freely the first season in tubs or half-barrels on the lawn. The flowers are similar to those of the well-known fragrant white *Nymphaea*, or Water Lily, but are beautifully shaded with deep rose-pink, or deep sky-blue on the different plants. We do not offer seed in separate colors, as they cross or change color so rapidly. Seed should be planted early in spring when the days become bright and warm, in a shallow dish or pan of water partly filled with rich soil. This should be placed in a warm sunny window, and when young plants are well started they can be transplanted to large tubs or barrels in the open air after trees are well out in leaf. These should contain at least twelve inches of rich soil and then be filled with clear water to the top; set your plants twelve inches apart each way in the earth at the bottom of the water. These plants begin to bloom quickly and continue to produce flowers until severe frost in fall.

Per pkt. 10c., 3 pkts. for 25c.

NEW DAHLIAS.

TWENTIETH CENTURY. A grand new single variety, entirely distinct from all previous introductions and not only valuable as a flowering plant for the garden but a choice cut flower. Is rosy crimson, tipped with white and has a white band around the disc. As the season advances they become lighter, until they are almost a pure white suffused with soft pink, not variegated but blended in the

most beautiful manner. Price reduced to 25c., prepaid.

KRIEMHILDE, a new cactus. Produces flowers of a delicate flesh pink, shading to white in the center. It is actually the finest pink Cactus Dahlia yet introduced. As a cut flower it is likely to supercede all existing pink sorts. Price each 25c., prepaid.

GLADIOLUS "PRINCEPS"

A Thousand Dollar Gladiolus. The Best and Largest in Existence.

This magnificent variety, grown and developed by Dr. Van Fleet, is the largest and most effective and graceful of all Gladioli. It grows from 3½ to 4 feet high under ordinary garden conditions; its handsome foliage is a grand setting for the brilliant Amaryllis-like blooms which open more widely than any other variety. The color is rich crimson with intense shadings in the throat, and broad white blotches across the lower petals. The flowers range from 5 to 6 inches in diameter, and can be grown to nearly 8 inches under stimulating culture. The petals are very wide and much rounded, forming an almost circular flower. From three to six of these immense and brilliant blooms are expanded at a time on each spike, which often produces 16 to 18 flowers during its development. It endures the sun and wind well, and opens perfectly to the last bud in water. It forces splendidly. Good strong bulbs 35c each, 3 for \$1, postpaid.

TRITOMA "PFITZERII"

Red Hot Poker Plant. The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, showy as the Gladiolus as a cut flower, and blooms incessantly from June until November. Plants perfectly hardy with protection. Plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. For cutting it is unsurpassed, as the beautiful long spikes keep several weeks in water. Strong plants price each, 30c., 3 for 75c. Small plants 20c. prepaid.



Dorothy Perkins.

This grand Climbing Rose is the most valuable and attractive Novelty since the advent of the Crimson Rambler that proved so popular and is still much sought after. The Dorothy Perkins' habit of blooming in immense clusters, its foliage and growth resembles very much the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color. Has proved exceptionally hardy after two winters' trial and no protection to mention. Flowers very double, and measure generally two inches across. Petals reflex prettily; buds remarkably handsome for button-hole bouquets. Sweet-scented. This rose leads all the rest in sales with us last year.

Handsome lithograph showing this beautiful rose in colors for the asking.

Our stock is all out-door grown, 2 year old, too large to be mailed.

Large select plants, 75c. Average size, 50c. each.

THE NEW ROSE "BABY RAMBLER"

THE EVERBLOOMING DWARF CRIMSON RAMBLER.

In Bloom all the time.

The best red pot or bedding rose in the world. Same color as the climbing Crimson Rambler with clusters of from 20 to 40 open flowers at one time. It blooms every day from May until November, if planted out and in pots all the year round. We can supply 2½ inch pot plants, 75c each, postpaid.

ODD AND CURIOUS VEGETABLES.

The following are among the very curious growing varieties that are grown purely for their attractive oddity. They will be of interest to both old and young. Easily grown. Give them a trial.

CATERPILLARS. The seed pods form very curious shapes, resembling Caterpillars.

SNAILS. Well named as the seed pods are very deceiving in their striking resemblance to Snails.

WORMS. Need to be grown to be appreciated. Price for either these odd varieties, 10c per packet or one of each 25c.





DESCRIPTIVE CATALOGUE

OF VEGETABLE SEEDS

GARDEN SEEDS

We will furnish Garden Seeds, at the prices on the following list, post paid, except heavy seeds, such as Beans, Peas, Corn and Onion Sets. For these it will be necessary to add to the remittance 8 cents per pound to cover postage. Half pounds sold at pound rate, except Beans, Peas and Corn. When seeds are priced prepaid and wanted by express or freight at purchaser's expense the postage may be deducted.

You May Select Seeds in
Packets amounting to

\$1.25 FOR EVERY \$1 SENT US

Positively no premiums on orders except Packets and Ounces.

for Seeds Ordered in
Packets and Ounces.

ARTICHOKE.

LARGE GREEN GLOBE. The best sort for general use. Buds large, nearly round; scales pale green, shading to violet at the base, very thick and fleshy. This is the French Artichoke, the large flower buds of which are so highly steamed, and is very different from the plant cultivated for its fleshy roots or tubers. Pkt. 5c., oz. 35c., ¼ lb. \$1.
JERUSALEM.—See Roots in back part of catalogue.

ASPARAGUS

One ounce will sow about 50 feet of drill for transplanting and produce about 300 plants.

CONOVER'S COLOSSAL. A mammoth sort, frequently sending up fifteen to thirty sprouts from one to one and a half inch in diameter from a single plant, and spreading less than most sorts. Color deep green; quality good. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1b. 60c.

THE PALMETTO. This variety is earlier than others, a better yielder, more even and regular in growth, and is fast becoming the favorite sort everywhere. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1b. 75c.

COLUMBIA MAMMOTH WHITE. An entirely new and magnificent variety of Asparagus, which is sure to be in great demand, because it furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 to 90 per cent white plants from seed. There is no question but this is the greatest advance of the last quarter century in Asparagus improvement, and no grower can afford to be without it. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1b. 75c.

Roots of above varieties 30c. per dozen, \$1.25 per 100, by mail.
For price of large quantities see "Vegetable Roots" in back part of catalogue.



COLUMBIA MAMMOTH WHITE.

BEANS

DWARF or BUSH VARIETIES

(Postage 8c. per pound extra.)

One pound will plant about 60 feet of drill, 60 to 80 pounds for one acre.

GREEN POD VARIETIES.

BURPEE'S STRINGLESS GREEN POD. The pod round, full, and larger and straighter than that of the Red Valentine. In quality it is superior to most other Bush Beans. Rust-proof in all localities as any can be. Vigorous growing; hardy and productive. Exceedingly crisp and tender, and no approach to stringiness; pods long and of delicious flavor. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c., 10 lbs. 1.35.

GIANT STRINGLESS VALENTINE. Resembles the Valentine, though pods average one-third larger and usually are stringless. Is fully a week earlier than the Improved Valentine. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c., 10 lbs. \$1.35.

EARLY YELLOW SIX WEEKS. An early snap-short variety, producing edible pods 30 days after germination. Very bushy, erect. Pods long, flat, straight. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.00.

IMPROVED EARLY RED VALENTINE. Is ten days earlier than any other stock of Valentine beans ever offered. In addition to this, it is more productive, grows a stronger and more thrifty vine, and yields larger and better filled pods than does any other strain of this variety. A single trial cannot but convince the most skeptical that it is all we claim. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.00.

REFUGEE, or BROWN SPECKLED VALENTINE. Matures in forty days after germination; pods round and firm, 1 flavor. Habit of growth vigorous—requires twice the ordinary room. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.00.

DWARF HORTICULTURAL. Vines are very compact. Pods medium length. It is undoubtedly the best variety for green shelled beans, in which condition they are very large; also good as a shelled bean for winter use. Pkt. 5c., ½ lb. 10c., 1 lb. 15c. 2 lbs. for 25c. 10 lbs. for \$1.00.

LARGE WHITE MARROW or CORN HILL. A large round oval white bean of excellent quality, shelled green or dry. Very tender, rich and one of the most productive beans grown in garden or field. Pkt. 5c., ½ lb. 15c., 1 lb. 31.

BROAD WINDSOR. This class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep in hills four feet apart. To insure well filled pods, pinch off the tops as soon as pods begin to set. Pkt. 5c., ½ lb. 10c., 1 lb. 20c. 2 lbs. for 35c.

WAX POD VARIETIES.

DWARF BLACK WAX. Known in many localities as Butter Beans. A very superior Snap-short, ripening among the first earliest, and having the best characteristics. Pods round, yellowish white, fine flavor. Continues in bearing 40 days. Habit of vine dwarf and compact. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

CHALLENGE DWARF BLACK WAX. A distinct extra early wax bean; vigorous and productive. Pods large and of good color, growing uniform and well together. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

CURRIES RUST-PROOF BLACK WAX. It has been claimed that this variety is absolutely rust-proof, and we have found it as near rust-proof as any good wax bean can be. Vine very vigorous, hardy and productive. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

IMPROVED GOLDEN WAX. This variety is pronounced to be the very best dwarf bean known. The pods are large, long, brittle and entirely stringless, and of a beautiful rich golden wax color. As a Snap Bean it excels every other variety in tenderness and rich buttery flavor, while as a shell bean for winter use, it has few or no superiors. It is very prolific, of dwarf compact growth. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

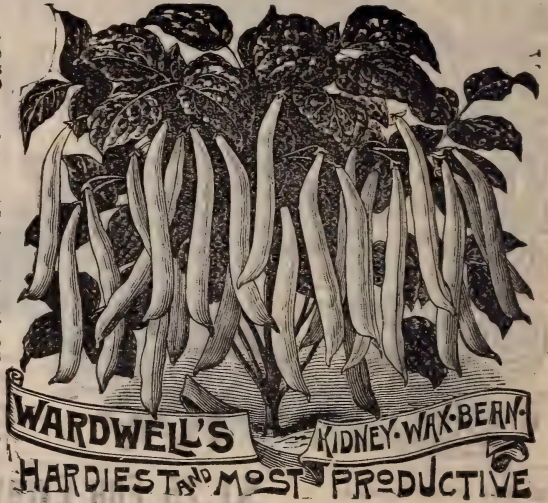
WARDWELL'S KIDNEY WAX. We consider this new variety the best of all the wax beans. It is early as the Golden Wax; pods very large, long, tender, stringless and of a fine, light golden color. It grows taller than Golden Wax, and out-yields it by far. We recommend it highly, both for private and market garden. Pkt. 5c., ½ lb. 15c., 1 lb. 25c. 10 lbs. \$1.50.

DAVIS' WHITE WAX. Immensely productive, bearing large, handsome, straight pods five to six inches in length. The pods are almost without flesh, and with decided strings when of good size, one of the best for canners as it does not discolor. It is also a good shipper. The dry seed being white and of medium size, is desirable also for winter market as a shell bean. Pkt. 5c., ½ lb. 15c., 1 lb. 25c. 10 lbs. \$1.50.



Golden Cluster Wax.

TRI-COLOR RUNNER. Pink and white in the same blossom. Pkt. 5c., ¼ lb. pkg. 10c., ½ lb. pkg. 15c., 1 lb. pkg. 25c.



BEANS—POLE OR RUNNING.

(Postage 8c per pound extra.)

All the following Pole Beans are pkt. 5c., ½ lb. 10c., 1 lb. 20c., 2 lbs. for 35c.

LARGE WHITE LIMA or BUTTER. Rich and finest flavor, and estimated to be the best of pole beans.

CAROLINA. A small variety of Lima, more easy of vegetation, more vigorous in growth, earlier in season, and more prolific in pod.

LAZY WIFE. This sort is popular in many localities. As its name indicates, a hand full of choice, stringless pods at a single grab. The pods are broad, thick, very fleshy and entirely stringless, and possess a rich buttery flavor when cooked. The beans are white and make a very good dry bean for winter use; may be grown either on poles or on corn. 2 lbs. for 35c.

HORTICULTURAL or SPECKLED CRANBERRY. A showy bean, maturing in eighty days. Pods green, dashed with red, valued either as a snap or for shelling.

CUT SHORT or CORN HILL. An old variety, very popular for planting among corn; pods short, round and tender; beans nearly oblong.

KENTUCKY WONDER. Vine vigorous, climbing well and very productive, bearing its pods in large clusters; pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, becoming very irregular and spongy as the beans ripen. A very prolific sort, with showy pods.

EARLY GOLDEN CLUSTER WAX. The Early Golden Cluster begins to bear early in July, and continues until frost; pods are six to eight inches long, borne in clusters of three to six and are a beautiful golden yellow color and the flavor is most delicious. It can be used shelled or as a string bean.

WHITE CREASE BACK. This variety is especially valuable for its extreme earliness and its habit of perfecting all of its pods at the same time. Vines small to medium, but vigorous, and in good soil, wonderfully productive, bearing round, quite fleshy pods in clusters of from four to twelve. Pods medium length, silvery green, of the best quality as snaps, and stand shipping better than most sorts. The beans are too small to be of much value when shelled green, but are of very superior quality baked. Seeds small, oval, very white and hard.

FLOWERING BEAN. Very desirable for trellis, or to cover old fences, etc. While the green seed pods are edible, the attractiveness is the profuse blossoms.

SCARLET RUNNER. The old popular scarlet flower. Pkt. 5c., ¼ lb. pkg. 10c., ½ lb. pkg. 15c., 1 lb. pkg. 25c.

WHITE RUNNER. A pure white flower. Pkt. 5c., ¼ lb. pkg. 10c., ½ lb. pkg. 15c., 1 lb. pkg. 25c.

Market Gardeners using Beans in larger quantities than priced herein will do well to ask for
MARKET GARDENER'S PRICE LIST.

BEANS—BUSH LIMA.

(Postage 8c. per Pound Extra.)

HENDERSON'S BUSH LIMA. The new Bush Lima grows without the aid of stakes or poles, is compact bush form, from fifteen to eighteen inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common bush beans. The New Bush Lima is at least two weeks earlier than any of the climbing Limas. The size of the leaves are like small Lima. Pkt. 5c., $\frac{1}{2}$ lb. 10c., lb. 20c., 2 lbs. 35c.

BURPEE'S BUSH LIMA. It is the true bush form of the old Large Lima Pole Beans. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, yielding from fifty to one hundred fine pods similar to those grown on the Large White Pole Lima. Pkt. 5c., $\frac{1}{2}$ lb. 10c., lb. 20c., 2 lbs. 35c.

BEETS.

One ounce will sow 60 feet of drill; 6 to 8 lbs. for 1 acre in drills.

DARK LEAVED GLOBE. For full description see Novelties.

CROSBY'S EARLY EGYPTIAN. The earliest and best turnip-shape beet in the market, being more globular than its parent the Early Egyptian. Market gardeners should take no other variety for early market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EXTRA EARLY EGYPTIAN. A very popular early turnip-shape variety. Has small tops and grows quickly. The flesh is in alternate rings of white and deep red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



DETROIT DARK RED. A choice strain of dark-red turnip beet. Fine, globular or oval, smooth roots, with small tops; skin blood-red, flesh dark-red, zoned with a lighter shade, tender and sweet. Extremely popular for market and canning. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

THE LENTZ. It is as early as the Egyptian, flesh very tender and sweet at all times, whether old or young; very productive, good keeper, and will produce a crop in six weeks from the time of planting the seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

ECLIPSE. It is nearly as early as Egyptian and much more desirable, owing to its globe shape, great smoothness and regularity, having a firm, small top, very sweet, very fine, and dark blood color. It is very desirable for market gardeners on account of its extreme earliness, as well as its other numerous good qualities. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EARLY BLOOD RED TURNIP. Here we have the old standby, the turnip beet, with its dark red color, well known to so many home-steads. It is useless to occupy space in describing it; suffice it to say, it is the best variety for family use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EDMUND'S BLOOD TURNIP. Of handsome round shape; the skin is very deep, blood-red in color; the flesh is also very dark and exceedingly sweet and tender in quality; the beets grow regularly of good marketable size. They mature early and have given the very best satisfaction as a bunch beet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

LONG BLOOD RED. An old standard variety, used for table and cattle; resists drouth better than any of the other varieties of beets;

color deep red, flesh very sweet. Grows entirely under ground. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

SWISS CHARD or SILVER BEET.

A distinct vegetable, and much superior to the common beets for greens. If sown at the same time,

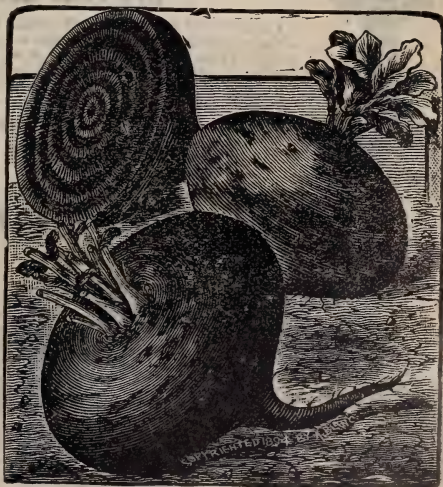
it will be fit to use before them. Later the plants form broad flat, beautifully white and wax-like stems to the leaves, which are very delicious cooked as beets, or pickled. We recommend all our customers to try it. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.



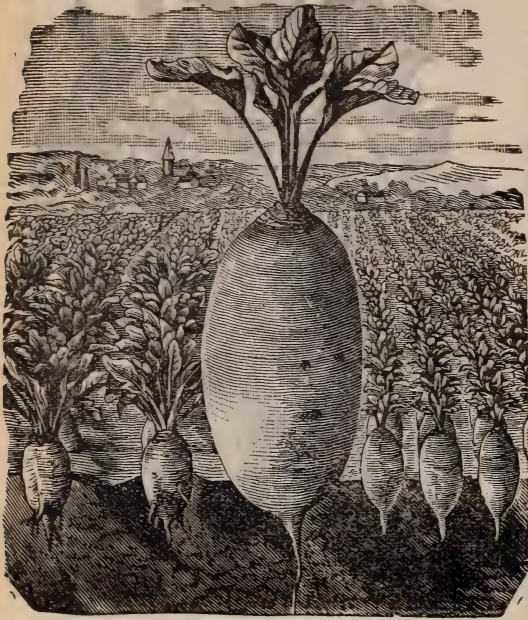
BURPEE'S BUSH LIMA.



Early Blood Turnip. Crosby's Egyptian. Eclipse.



EDMUND'S BLOOD TURNIP.



Golden Tankard Mangel Wurzel.

vested. Light-green foliage, smooth whitish-green skin, and crisp, snow white flesh. Highly recommended by agricultural station as a stock-feeding beet.

RED GLOBE MANGEL WURZEL. A large round variety, of excellent quality, productive and a good keeper: color light red, flesh white; better adapted to shallow soil than the long varieties.

YELLOW GLOBE MANGEL WURZEL. More delicate than the long red; more easily pulled.

GOLDEN TANKARD MANGEL WURZEL. This is undoubtedly one of the most profitable varieties to grow for stock, as it is an enormous cropper, and said to be one of the most nutritious Mangels in cultivation. Color bright yellow.

MAMMOTH LONG RED MANGEL WURZEL. A particularly fine stock of Mangel. The roots attain enormous size, smooth and regular in shape.

BROCCOLI.

Sow early in spring. Transplant and cultivate the same as cabbage. The Broccoli is similar to the Cauliflower. They will produce heads in October and November, and should any plant not be forward enough for use before severe frosts, let them be removed to a light cellar, where they will head during the winter.

LARGE WHITE MAMMOTH. Pkt. 5c., oz. 35c., $\frac{1}{4}$ lb. \$1



Brussels Sprouts.

Brussels Sprouts.

Cultivated for the small heads that grow in considerable numbers from the main stem. It is a delicacy much esteemed by some. Sow in seed bed middle of spring, and transplant and manage as winter cabbage. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

We pay postage on all garden seeds priced per oz., $\frac{1}{4}$ lb. and pound, except Beans, Corn, Peas and Onion Sets.

Borecole or Kale.



Dwarf German.

DWARF GREEN GERMAN. Sow in autumn for "sprouts" or "greens." Hardy, prolific, flavor similar to cabbage. Desirable in every garden. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.

DWARF PURPLE GERMAN. A variety of the preceding, and identical with it, except in color, which is a beautiful deep purple. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

TALL GREEN CURLED SCOTCH. This is one of the most popular varieties. It is very hardy, and is much improved by frost. Two feet high. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.



Tall Green Curled Scotch.

SUGAR BEETS AND MANGEL WURZELS FOR STOCK FEEDING.

Mangels and Sugar Beets for stock sow 4 to 6 pounds per acre, if for sugar factory 12 to 20 pounds per acre.

Prices for all the following Sugar and Mangel Beet Seeds: Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c., postpaid. If not prepaid, 1 lb. package 30c., 3 lb. pkg. 80c., 5 lb. pkg. \$1.25, 10 lb. lots at 20c. a lb., 25 lb. lots at 17 $\frac{1}{2}$ c. a lb., 50 lb. lots at 16c. a lb., 100 lbs. at 14c.

For larger quantities please correspond with us.

RED TOP SUGAR BEET. It unites capacity for a large yield with an exceedingly rich flesh, making it the best for cattle feeding. Tops medium sized; roots above medium size, long top-shaped, growing slightly above the surface; white, washed with red at top; flesh fine grained and very sweet.

SILESIA SUGAR. This is the old well known form of sugar beet long raised in this country for feeding, and the variety mainly grown abroad for sugar.

VILMORIN'S IMPROVED SUGAR. A variety out of which much sugar has been made; skin cream color; flesh white: an average of fifteen tons per acre can be produced.

WHITE KLEIN WANZLEBEN SUGAR BEET. This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country, where it has been thoroughly tested. It has a rather long, slender root, very rich in sugar, and grows deeply sunk in the ground, and is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of sugar.

LANE'S IMPERIAL SUGAR. This beet will yield almost as much in bulk as the best mangels, and contains a large percentage of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. They grow with a considerable portion above the soil and are easily har-



White Klein Wanzleben.

BARTELDES HIGH GRADE CABBAGE

1904 Crop.

One ounce will make about 2,000 plants.

THE HOLLANDER or BALL HEAD. See novelties.
GLORY OF ENKHOUSEN. One of the earliest, with large solid heads. See novelties.

ALL-HEAD EARLY. It is among the earliest of the large cabbages. It is fully one-third larger than Early Summer. The deep flat heads are remarkably solid and uniform in color as well as in shape and size. It is very tender and of fine quality. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

EXTRA EARLY EXPRESS. Produces fair sized heads in eighty to eighty-five days from sowing seed. Does not form as large a head as the "Etampes," but is ahead of this variety several days. An important acquisition for the market gardener and those who grow cabbage for early market. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.



Early Winningstadt.

EXTRA EARLY ETAMPES. One of the earliest cabbages producing well formed conical heads, remarkably large for so early a ripener. Whoever plants it will be amazed in its early maturity, and if he be a market gardener, will be able to place it in market ahead of all competitors. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

EARLY YORK. This is one of the earliest varieties—deficient, however in size, and without ability to stand the heat of the summer. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

EARLY WINNINGSTADT. A well known and very popular early variety, in season very close to the Wakefield; heads large, decidedly conical; leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure-heading variety, valuable not only for early use, but also for winter cabbage. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

TRUE JERSEY WAKEFIELD. This is an admirable sort, and fully sustains all we have heretofore said in its favor as a variety suited to the family and market garden. The heads begin to mature the latter end of June to the first of July, and may be cut in succession for several weeks. Our seed is true Long Island grown. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

EARLY DWARF FLAT DUTCH. Has succeeded admirably on account of its ability to resist heat; it never flaws under the severest sun and produces very fine, large heads after the earliest sorts have disappeared. We recommend it highly. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.



All-Head Early Cabbage.

"Early Spring" Cabbage

This new, famous, Extra Early French Cabbage (sent out under the above name), has been grown by a number of the progressive gardeners around Chicago, and it has given entire satisfaction. It is of the type of the Early "All-Head," resembling it in habit of growth, but is smaller, and is nearly as early as the Wakefield. The heads have few outside leaves, and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the cabbages attain their mature size. On account of its shape, productiveness and solidity, and following the Wakefield so closely, it becomes one of the most profitable early sorts. Market gardeners cannot afford to be without this. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

LARGE JERSEY or CHARLESTON WAKEFIELD. This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later; on clay ground it will mature just as early. Largely planted by gardeners in the South. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.



"Early Spring" Cabbage.

EARLY SUMMER. This variety is about five days later than the Wakefield, but being fully double the size it may be classed as the best Large Early Cabbage; in weight it is equal to most of the late varieties, and its short outer leaves enable it to be planted nearly as close as the Wakefield—about 12,000 to the acre—Flat Dutch, Fottlers, etc., producing no larger heads, can only be grown at the rate of 8,000 to the acre. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

ALL SEASONS. A Drumhead Cabbage as early and every way as good as Early Summer, but yielding heads from a third to a half as large again. This cabbage, while it matures a day or two later in the spring, when planted in July, matures a day or two earlier than Early Summer in the fall, so that it will average as early, while the solid heads are from a third to half as large again. As a rule our earliest cabbages are only good as early cabbages, being too small for late, or too small and too thin to be kept over winter; but the heads of this cabbage being large and also thick through, make it a most excellent variety, either for extreme early, or for fall or spring market. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

PREMIUM LATE FLAT DUTCH. As a variety for winter market it has no superior, and is more extensively grown than any other. Heads, large, bluish green, round, solid, broad and flat on top, and often tinted with reddish brown after being touched with frost; they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. With good cultivation, on moist, rich ground, ninety-five in a hundred will head up hard and fine. Decidedly a popular variety for cultivation in our state. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$1.50.



Premium Late Flat Dutch.

FOTTLER'S IMPROVED BRUNSWICK. This has proved to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighing from ten to fifteen pounds each, and is sure to head. From seed sown in March good sized heads can be marketed in June. A very valuable variety. Packet 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.

Try the New Glory Cabbage, the largest of the earliest Cabbages, white and solid. We have tried it and recommend it highly.

LATE LARGE DRUMHEAD. This is also a very large fall and winter variety. It is similar in most respects to the Premium Flat Dutch, but the heads are more rounded on top; it is also generally longer in stem. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

MARBLEHEAD MAMMOTH DRUMHEAD. This is without doubt the largest variety in the world of the Cabbage family. Under high culture it is compact and hard. Its size is, indeed, mammoth, ranging from that of a half bushel measure to that of a two bushel basket. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.



Fottler's Brunswick.



Marblehead Mammoth Drumhead.

— TRY THE —
HOLLAND OR DANISH BALLHEAD CABBAGE,
Described among our Novelties. It is sure to give satisfaction.

SUREHEAD. Produces large, round, flattened heads, of the Flat Dutch type, and is remarkable for its certainty to head. It is the very best Cabbage for main crops. It is uniform, very hard, firm and fine in texture, and ordinarily weigh from ten to fifteen pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well, is good for shipping, and is just the variety and quality to suit market gardeners, farmers and all lovers of good cabbage. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.

DRUMHEAD SAVOY. An excellent winter and spring family cabbage, partaking partially of the size of the Drumhead and the curled leaves of the Savoy. Market gardeners usually find it profitable to provide a limited quantity for discriminating customers; for family use it is equalled by none. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.

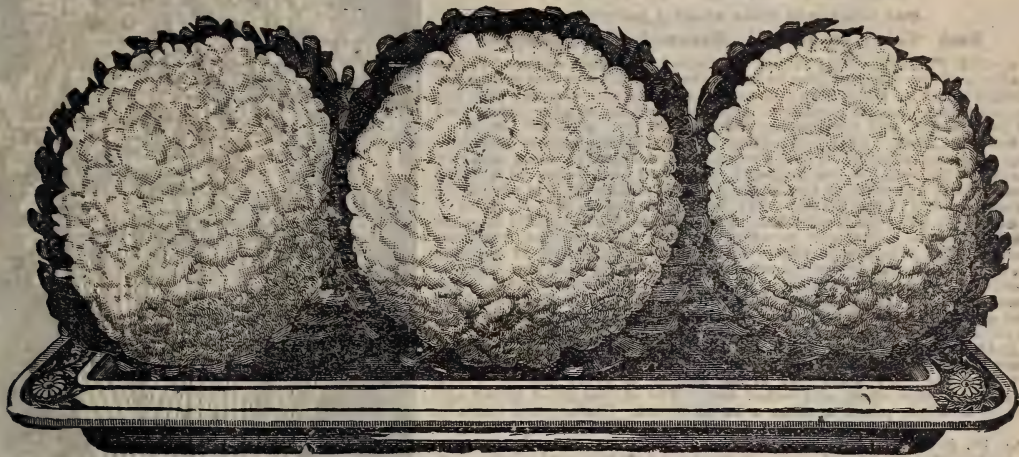
MAMMOTH ROCK RED. This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round very solid, and of a deep red color. Ninety-eight per cent of the plants will form extra fine heads. The best of the red cabbages. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.

Every Gardener can derive benefit from reading the book "CABBAGE and CAULIFLOWER for PROFIT," by Lupton. We will mail it for 30c.



Surehead.

CAULIFLOWER.



Early Danish Snowball.

One ounce will produce 1,500 to 2,000 plants.

EARLY DANISH SNOWBALL. This variety, by innumerable trials, has established the claims made for it. The plants are very dwarf. The outer leaves are erect. The inner ones lap over the head so as to completely shade from the sun. We think it equal to the Henderson Snowball in every respect, and consider it a valuable market variety for early and late. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.50, $\frac{1}{4}$ lb. \$8.00.

EXTRA EARLY DWARF ERFURT (Selected) This is the choicest selected strain of the popular Erfurt type, and is remarkable for its extreme reliability in heading. Plants very dwarf, with solid, pure white heads of superior quality. Planted in rich soil early in the spring, heads eight to ten inches in diameter, can be marketed in July.

Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$3.00, $\frac{1}{4}$ lb. \$10.00.

EARLY PARIS. A most excellent French variety, and the popular early sort in the Paris markets. Heads large, white, compact and solid, of excellent flavor, tender and delicious. Leaves large, stalk short. Being so early it must always be a favorite. Pkt. 5c., $\frac{1}{4}$ oz. 25c., oz. 80c., $\frac{1}{4}$ lb. \$3.25.

VEITCH'S AUTUMN GIANT. A distinct and valuable late variety. The heads are very large, beautifully white, firm and compact, and being well protected by foliage, remain for a long time fit for use. The plants should be started and transplanted early in the season, to insure their full development. Pkt. 5c., $\frac{1}{4}$ oz. 25c., oz. 80c., $\frac{1}{4}$ lb. \$2.25.

We grow large quantities of Cauliflower and Cabbage Plants, usually ready through April, May and June. See price list in back part of catalogue.



CARROTS.

One ounce will sow 150 ft. of drill.
Three pounds for one acre.

EXTRA EARLY SHORT FORCING. An excellent forcing variety, very tender and fine flavor; small growth. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

EARLY SCARLET HORN. A very early variety. Recommended for the market and family garden. Texture fine, very delicate in flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

OX-HEART or GUERANDE. This new French carrot is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half Long and Horn varieties, attaining a diameter of three or four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. 85c.

CHANTENAY. One of the most perfect and uniform in shape, smooth, heavy yielding and of fine table qualities. It grows five or six inches long; is fine in texture and easily dug; the flesh is of a beautiful deep orange, tender and of excellent flavor. One of the very best for table and market use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

DANVERS HALF LONG ORANGE. A decided acquisition of the Half Long type, admirable in color, fixed in habit, a wonderful producer, the best of all for the stock-breeder, and valuable to the market gardener. With this variety the planter secures the largest return to the acre with the least difficulty of harvesting. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

HALF LONG SCARLET NANTES. Top medium, finely divided, dark, roots medium, cylindrical, smooth, bright orange, flesh orange, becoming yellow in center, but with no distinct core; finest quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

LONG ORANGE. The old stand-by, both for table use and for stock-feeding, for late summer and winter. Fed to milk cows, it increases the flow of rich milk, and imparts to the butter in winter a fresh flavor and golden color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

LARGE YELLOW AUSTRALIAN.—See Novelties.

LARGE WHITE BELGIAN. Grows one-third out of the ground. Root pure white, green above ground, with small top. It will grow to a very large size, on light, rich soil, and is very easily gathered. Flesh rather coarse; is raised exclusively for stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

LARGE YELLOW BELGIAN. Same as above, except in color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

1. Early Forcing.
2. Danvers.
3. Long Orange.
4. Chantenay.
5. Ox-Heart.
6. Early Horn.

Five pounds or more of one variety of Carrots, not prepaid, at 15c. less per pound.

CELERY.

One ounce will make about 2,500 plants.

Book "Celery for Profit." Illustrated. 20c., postpaid.

WHITE PLUME. This celery is valued because, naturally, the stalks and portions of the inner leaves and hearts are white, by simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor, and very early. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

PINK PLUME. This is identical in all respects except in coloring, with the popular White Plume, the leaf-stalks being heavily tinged with red. When properly blanched this fades to a faint pink tint in the ribs of the silvery-white stalks, and is also delicately shaded in the leaves. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

GOLDEN SELF-BLANCHING. The plant is of a beautiful appearance, of close habit, and compact growth and straight, vigorous stalks. The ribs are perfectly solid, crisp, brittle, and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self-blanching to a very remarkable degree. Our stock of this variety is selected with special care in France. It is the strain for market gardeners, also for family garden. Pkt. 5c., $\frac{1}{4}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

GIANT PASCAL. This is a green leaved variety. It blanches very quickly after earthing up, when it is of a beautiful yellowish-white color, very solid and crisp, and of a nutty flavor, which cannot be equaled by any other sort. The stalks grow broad and thick, a single plant making a large bunch. Under high culture, this variety will give the best satisfaction. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

GOLDEN HEART. A very popular and distinct variety. In habit of growth it resembles the Half Dwarf, except that when blanched, the heart, which is large and full, is of a waxy golden yellow. It is entirely solid, of excellent flavor and keeps well during the winter. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.50.

BOSTON MARKET. The most popular sort in the market of Boston. It forms a cluster of heads, instead of a single one, and is remarkably tender and crisp. The best variety for light soils. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Golden Self-Blanching Celery.

HALF DWARF. When blanched it is of a yellowish white, making it very ornamental for the table; is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch grown under the same conditions. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

CELERIAC or TURNIP-ROOTED. Grown exclusively for its roots, which are turnip shaped, very smooth, tender, and marrow-like. The roots are cooked and sliced, used with vinegar, they make an excellent salad. They are used for seasoning meats and to flavor soups. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.



White Plume.

Golden Heart.

Giant Pascal.

Half Dwarf.

Boston Market.

Celery Plants can be supplied in June and July.

CORN SALAD.

BROAD LEAVED. Used as a small salad throughout the winter and spring. Sow thickly in drills; cover slightly first of autumn and sprinkle with straw on the approach of severe weather, or sow in a cold frame, covered in winter as may be convenient—thus it is accessible, even when deep snow prevails. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

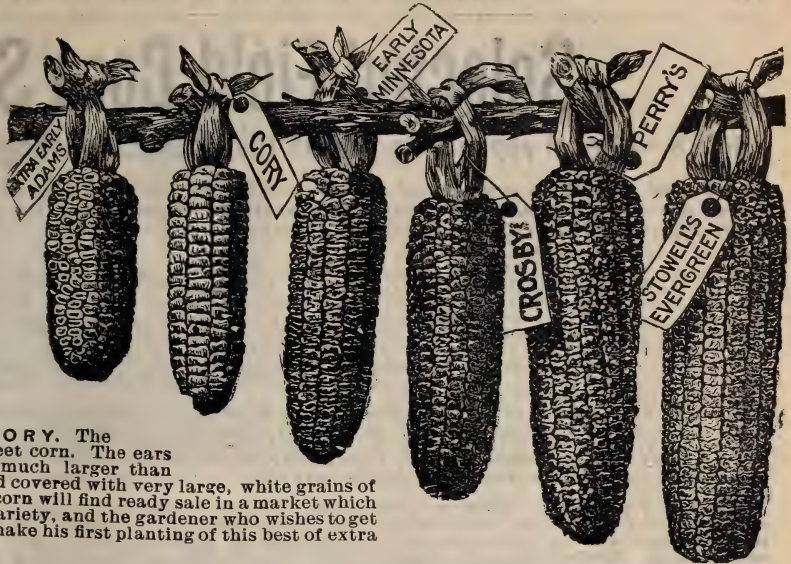
COLLARDS.

GEORGIA, SOUTHERN or CREOLE. This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing improves their quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.



Corn Salad.

BARTELDES SWEET CORN.



One pound will plant about 300 hills; 12 to 20 pounds will plant one acre in drills.

Prices for all varieties listed on this page except where noted, Pkt. 5c., 1-2 lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.

If by mail postage must be added at rate of 8c. per pound.

MAMMOTH WHITE CORY. The largest and best extra early sweet corn. The ears are twelve-rowed, and very much larger than the old Cory, white-cobbed, and covered with very large, white grains of good quality. No other sweet corn will find ready sale in a market which is supplied with this splendid variety, and the gardener who wishes to get the cream of the trade should make his first planting of this best of extra early sorts.



Mammoth White Cory.

WHITE COB CORY. Selected for white cob and white kernel from the original and earliest. For a strictly early for first market and home use, you can't be far wrong with White Cob Cory. We offer northern grown extra early matured seed.

EXTRA EARLY ADAMS. One of the earliest, maturing for table in sixty days after germination. Height of stalk three feet; not a sugar corn, but a decided acquisition, so very early in the season. Of weak habit requiring good cultivation and land of high fertility; 10 lbs. for 80c.

EARLY MINNESOTA. This is among the earliest of the sugar varieties, and is much esteemed, not only because it matures early, but for its excellent qualities as well. Ears rather small, long and pointed.

PERRY'S HYBRID. A very fine early variety, fully as early as the Minnesota, and ears much larger, each containing twelve to fourteen rows of kernels, well filled to the end. The grains are very large and pure white, but the cob is reddish.

CROSBY'S EARLY. Most excellent variety and remarkably early. Ears of large size, medium length, sweet, rich and delicate.

COUNTRY GENTLEMAN. The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three to a stalk. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the Country Gentleman corn is its delicious quality; it is, without doubt the sweetest and most tender of all sweet corn, and at the same time with ears of good size; 10 lbs. for \$1.25.

STOWELL'S EVERGREEN. This variety is more largely planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remains for a long time in an edible condition. This variety with one or two of the early varieties for a succession is necessary to every garden.

MAMMOTH EVERGREEN. This produces the largest ears of any sweet corn, a single ear sometimes weighing as much as two to three pounds; quality is very sweet and luscious. It ripens a little later than the Evergreen, and the cobs are large; the kernels are flatter.

EGYPTIAN. This is among the best of the large varieties of sweet corn. It is of vigorous habit, the stalks averaging about seven feet in height. Ears large, having from twelve to fifteen rows of kernels of good size, and very productive. It is very sweet and tender, and of delicious flavor, surpassing all others. Invaluable for canning.

BLACK MEXICAN. The sweetest and most desirable for family use. When dry the kernels are black. The corn is not equaled in tenderness and sweetness by any other sort.



Get your corn into the ground the correct way by using a Corn Planter. A good one for only \$1.25.

Parties desiring Sweet Corn to Sow thickly for fodder will do well to write us. We always have lots very suitable for that purpose.

Selected Field Corn Seed.

PRICES—Liberal packets 5c., pound 10c., 3 pound package 25c., 10 pounds, 50c.

Postage at rate of 8c. per pound must be added, if wanted by mail. Ask for latest issue Price List of "Field Seeds," when wanting quantity. 8 pounds of the small kernel varieties, or 10 pounds of the large varieties will plant an acre.

SWADLEY FIELD CORN. Nearly as hardy as White Australian, and fully as early, and yields more matured corn. This cut is a fair representation of the true Swadley Field Corn which was originally brought to Jefferson county, Colorado, from the mountain farms of Virginia, twenty years ago, by Mr. Geo. C. Swadley. He has cultivated it ever since, and has supplied us for several seasons, though never having enough to fill all orders. We are firmly convinced that it is the corn for uplands and worn out soils, where it produces 35 to 50 bushels of ears per acre. It stands drouth nearly as well as White Australian. It is much softer kernel, being a pale yellow dent. The ears will average eight inches long, twelve to sixteen rowed. One-third of the crop will yield two ears on a stalk, maturing in ninety to 100 days. Six pounds of seed will plant an acre, three feet, eight inch check-rows. This is the corn for our short season districts. Give it a trial. You will be well pleased.

AUSTRALIAN WHITE FLINT. The earliest and surest variety we have for Colorado and the arid lands of the west. It will actually endure more drouth and cold than any other variety known. Grows to a height of six to ten feet, ears varying from eight to twelve inches long, usually eight or ten rowed, one and two ears on a stalk.

COLORADO YELLOW DENT. An early Dent variety, ripening with the Flint varieties, and can be grown in almost any locality. Stalks large with broad leaves, ears eight to ten inches, sixteen rowed, grain yellow, making a good quality of meal.

PRIDE OF THE NORTH. (90 days). This variety has smaller ears than the late kind, but is valuable to grow, as it matures earlier. Planted as late as July 4, it has fully matured by October 1. The ears have from fourteen to sixteen rows, grown eight to ten inches in length, slightly tapering. The kernels are closely set together on the cob, of a light orange color. The stalks usually grow six to eight feet in height, producing one or two good ears. Our seed of this variety has been grown for us with special care, from the original stock.

IMPROVED LEAMING (90 days). This is one of the earliest large yellow Dent corns in cultivation, ripening in 90 to 100 days from planting. It is extra early, and not a hard flinty corn. The ears are large and handsome, with deep, large grains; orange yellow color and red cob. Stalks medium size, tapering gradually, producing two good ears each, husks and shells very easily.

GOLDEN BEAUTY (110 days). The ears are of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, remarkable in size, and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect present as perfect a type as could be possible to have. Golden Beauty matures early, ripening in 100 to 110 days from planting and surpasses all in size and beauty of grain.

IOWA SILVER MINE CORN (90 days). The stalk grows to a height of seven or eight feet and set the ears about three and a half to four feet from the ground. The ears measure from ten to twelve inches in length and often weigh one and a half pounds. They are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels on a small white cob. It matures in about ninety days, being about one week earlier than Champion White Pearl. It is the heaviest yielder we know, having yielded over 200 bushels to the acre. Seventy pounds of ears will make sixty-two pounds of corn. It is entirely distinct and will give satisfaction.

CHAMPION WHITE PEARL (100 days). The stalk is short and thick. The ear grows low on the stalk, from seven to twelve inches in length, almost parallel throughout, of medium size, averaging sixteen rows of grains. The grains are pure white, very deep, compact, and heavy. Two grains will more than span the cob. The cob is small. By a test, seventy ears weighed eighty-seven and one-half pounds, of which the cobs alone weighed only seven pounds. It makes a superior quality of corn meal, and grades No. 1 white in any market. It matures early. We recommend it highly.

HICKORY KING (110 days). This new corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. It yields greater, and is unquestionably the most productive white field corn. Stalks bear two good ears each, and occasionally three, it never has barren stalks, no matter how thin the soil, and both ends of the ear are filled out full. A single grain will completely cover the cob of an ear broken in half. It both shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety.

BRAZILIAN or STOOILING FLOUR CORN. This corn stools like wheat, each kernel producing from five to eight stalks, each stalk bearing two or three ears, five to seven inches in circumference, nine to twelve inches in length, color beautiful white. It is the best variety for ensilage we know of, and yields to the acre four times more fodder than common corn, and more bushels in shelled corn, containing a much larger quantity of starch than any other corn, and ground and bolted by the same process as wheat, yields a finer flour that will make bread, biscuits, etc., as good as those made of wheat flour, also used largely for roasting ears. Plant two kernels to the hill, thin to one, and cultivate like other corn. Four pounds will plant one acre.

When wanting larger quantity of Field Corn than priced above, be sure to ask for prices.

POP CORN or PARCHING.

Postage 8c per Pound extra.

WHITE PEARL. Our common market variety. Pkt. 5c., lb. 10c., 3 lbs. for 25c.

WHITE RICE. A very handsome variety; kernels long, pointed and resembling rice; color white; very prolific. Pkt. 5c., lb. 10c., 3 lbs. for 25c.

QUEEN'S GOLDEN. The stalks grow six feet high, and the large ears are produced in abundance. It pops perfectly white, and a single kernel will expand to a diameter of one inch. Pkt. 5c., lb. 10c., 3 lbs. for 25c.

Try the Brazilian, or Stooling Flour Corn, for Roasting Ears, and you will not be disappointed. Pkt. 5c.

CHAMPION BALL-BEARING CORN SHELLER.

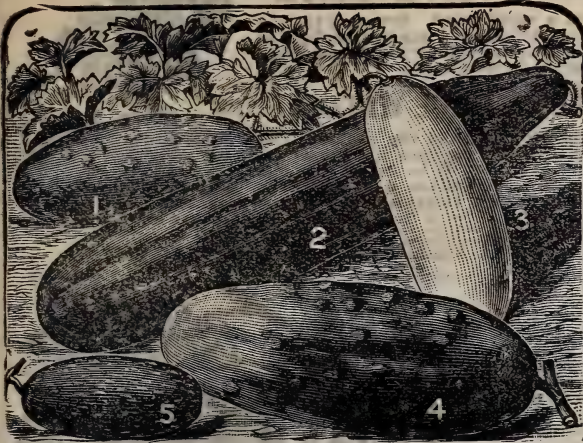
A SHELLER THAT SHELLS.

It can be set to shell any corn that grows. Large or small. That is why it's so much better than other makes. Improved Champion. New, small size \$2.00.

The old style is larger and heavier. It does the work of shellers sold for three times the price. Either can fasten to edge of box or bin. Price \$2.50.



CORN PLANTERS. We have them, For description and price see back part of catalogue.



1. Early Frame.
2. Long Green.
4. White Spine.
5. Chicago Pickling.

SHORT PROLIFIC PICKLING. A very short variety of the "Frame" type, abundant bearer, highly recommended for pickles, for which it is used extensively in New York state. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

BOSTON PICKLING. A distinct variety which has obtained a great degree of popularity in Boston market as a pickle. Medium long, a great producer. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

CHICAGO or WESTERFIELD PICKLING. Very popular with Chicago market gardeners and extensively grown in that vicinity. Fruit medium length, pointed at end, with very large and prominent spines, color deep green. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

COOL AND CRISP. The peculiar feature of this variety is the knobs or protuberances, upon which the spines are placed, are very prominent, giving an attractive appearance. This variety is the earliest and most prolific of all pickling cucumbers, will become a standard sort. Dark green, almost black. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

JAPANESE CLIMBING. While all cucumbers are running vines this variety is much more running in its habit. It quickly climbs on poles or trellises same as the Pole Lima Bean. It is entirely distinct. Quality is splendid. Well adapted for pickling as well as for slicing for salads. The great advantage of having a cucumber trained on a pole or a fence will be apparent to all. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

NEW EVERBEARING. It is of small size, very early, enormously productive and valuable as a green pickler. The peculiar merit of this novelty is that the vine continues to flower and produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The one vine exhibits at the same time cucumbers in every stage of growth, the small ones being perfect in shape, of a fine green color and just the size for pickling. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Everbearing Cucumber.

time makes long growth—10 to 12 inches. The variety for forcing and early market. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.30

WEST INDIA GHERKIN. This variety, used exclusively for pickling, is a species distinct from the common cucumber. It is very small, length from two to three inches, a strong growing sort, and should be planted five feet apart. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Use our Vegetable Grower Fertilizer to get a Big Crop of Cucumbers.

CUCUMBERS.

One ounce will plant about 50 hills. Two lbs. one acre.

CUCUMBER SEED is again a rather short crop. Parties intending to plant quantity should write us early and engage their supply.

ARLINGTON WHITE-SPINE. This is the strain so popular about Chicago for growing under glass. It is the "money maker" among cucumbers, being the earliest and most productive. Rich green color throughout its entire length and very straight. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.30.

PARISIAN PICKLE. A decidedly distinct variety, most suited for making French pickles. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

EARLY RUSSIAN. One of the earliest in cultivation, resembles the Early Frame, but is smaller and shorter, being only 4 inches long. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

EARLY CLUSTER. A very popular early cucumber, producing its fruit in clusters near the root of the plant. Its usual length is about five inches; skin prickly; flesh white, seedy, tender and well flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

EARLY FRAME. Productive of growth; vigorous, early, fruit medium size and straight. Popular for both table use and pickling. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



Japanese Climbing.

IMPROVED LONG GREEN. Unquestionably this is the most popular general purpose cucumber in the west. When matured is nine to twelve inches long, very solid and crisp, retains its dark green color until nearly ripe. One of the best for small pickling if picked promptly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

EARLY WHITE SPINE. Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor. In this country this variety is used more, perhaps, than any other for forcing under glass. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

EXTRA LONG WHITE SPINE. A selected strain of the White Spine. Is very uniform in size and exceedingly early, at same

SLUG SHOT POWDER

Will drive off bugs from your cucumber vines. See back part of catalogue.



Water Cress.

CRESS or PEPPER-GRASS.

Used as a small salad. Sow very thickly in shallow drills, on a smooth surface, at short intervals throughout the season. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.



Cress or Pepper Grass

CRESS—TRUE WATER.

Is quite distinct from the common, and only thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

GOURDS. (See page 49, Flower Seeds.)**CHICORY.**

LARGE ROOTED. A hardy plant, introduced from and much used in Europe as a substitute for coffee; large quantities of the prepared root are exported to this country. May be used to good advantage and pay a large profit, as its culture is simple. In the fall the roots required to be taken up and cut into small pieces and put where they will dry, requiring the same treatment used for drying apples. When required for use, it should be roasted and ground like coffee. Requires similar treatment to carrots. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

CHIVES.

The chives are small and not very important members of the onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root. The chives make the very best border for beds in the vegetable garden, and are not only ornamental, bearing pink flowers and a mass of green leaves, but equal the onion for flavoring soups and salads. Roots 29c. per bunch, post paid.

EGG PLANT.

NEW YORK IMPROVED LARGE PURPLE. This variety has about superseded all others both for market and home gardens. It is practically spineless, which is a great advantage in handling. Our Stock is the true large purple, direct from the best growers in New Jersey. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. \$1.25.

EARLY LONG PURPLE. This is the earliest variety; very hardy and productive. Fruit long and of superior quality; good for general culture. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.



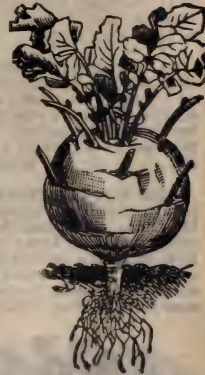
New York Improved Large Purple.

KOHL-RABI, or Turnip-Rooted Cabbage.

The Kohl-Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip-shaped bulb, formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy.

EARLY WHITE VIENNA. The earliest and best for forcing; very tender; excellent for table use. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

EARLY PURPLE VIENNA. Same as above, only differs in color. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.



Vienna Kohl-Rabi.

Our Seeds are "The Old Reliable"

Always plant them with a "Planet, Jr." Seed Drill

HORSE-RADISH. Horse-radish produces no seed, but is grown from pieces of the root. Culture.—Mark off rows 2 $\frac{1}{2}$ feet apart in rich, moist, well prepared ground, and set the pieces of root 18 inches apart in the rows, vertically, the small end down. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. Small roots 20c. per dozen, 85c. per 100, post paid. If wanted in quantity, see price list. Roots in back part of catalogue.



Large Garlic Bulbs.

GARLIC.

The Garlic is the most pungent of all the onion family. It is much used in the south of Europe. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring six to eight inches apart, and in August the tops will die, when the bulbs are ready to gather. They do best in light, rich soil. Large bulbs, lb. 30c., 3 lbs. for 80c., post paid. Small bulbets 40c. per lb., post paid. Write for prices on large lots.

ENDIVE.

GREEN CURLED. A desirable salad, when bleached by exclusion from the sun. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

BROAD-LEAVED BATAVIAN. A large summer variety; very productive, and one of the best. Pks. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Endive.



LETTUCE

Cabbage or Heading Varieties.

One ounce will produce about 3,000 plants.

BARTEDES FRENCH FORCING Unquestionably the earliest of the forcing varieties. See novelties for full description. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

BARTEDES DENVER MARKET. It is an early variety of Head Lettuce either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the Hanson, but is more oblong. This stock is grown expressly for gardeners' use. Buy from us and get the true stock. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

DENVER MARKET FORCING. A stock selected expressly for growing under glass. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

BIG BOSTON. This new variety resembles the well known Boston Market Lettuce, but produces heads almost double the size, and matures a week later. Endures hot weather exceedingly well. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Barteldes Denver Market.

CALIFORNIA CREAM BUTTER. Heads large, round and of a beautiful appearance. The outer leaves are medium green, marked with small brown spots; inner leaves of a rich cream color. Medium early and makes a good sort for summer use. Quality very good, rich buttery flavor.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

EARLY PRIZE HEAD. It forms a mammoth head and remains tender and crisp throughout the season, is prompt to head, but slow to seed, of superior flavor and very hard. The leaves are very large, crimped; bright green tinged with brownish red on edge.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

EARLY CABBAGE or DUTCH BUTTERHEAD. Produces fine, greenish white, large heads of extra quality, remarkably tender and crisp, sure to head; of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot to seed and resists heat well. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

SILVER BALL. This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery white color, very rich, buttery and most delicious flavor. It comes early and stands a long while before going to seed. A most excellent variety, both for early spring and summer use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

EARLY TENNIS BALL. The best variety of head or cabbage lettuce for growing under glass. Very hardy. Leaves thick, crisp and tender, forming under glass a very compact head, but apt, unless planted very early, to be loose and open in the air.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

HANSON. The heads are of very large size, deliciously sweet, tender and crisp, even to the outer leaves; heads weigh two and a half to three pounds, and measure about one and a half feet in diameter. Color, green outside and white within; free from any bitter, unpleasant taste. Not recommended for forcing, but has few superiors for family use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Curled or Loose Leaved Lettuces.

BLACK SEEDED SIMPSON. The leaves of this variety are very large and form a compact mass rather than a distinct head. They have the quality of not wilting quickly and being of a light green color, the variety is much liked by market gardeners for forcing.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

SIMPSON'S EARLY CURLED. One of the best early sorts for market or family use. All the leaves tend to produce a large, loose head. Leaves beautifully crimped, dark green, very tender and crisp. Recommended for general cultivation.

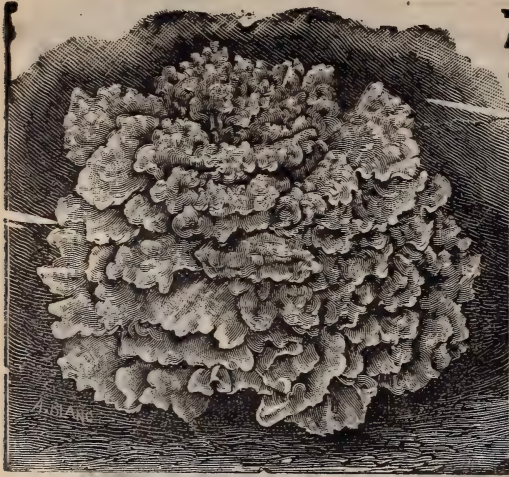
Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.



Silver Ball.

The two varieties of Lettuce that bring the market gardener the most money are Barteldes French Forcing and Denver Market Forcing.

Note our offers about Premium Packets.



Grand Rapids.

LEEK.

One ounce will sow 100 feet of drill.

LARGE LONDON or SCOTCH FLAG. This Leek is reported more delicate than the onion for soup, etc. Sown in seed bed middle of spring, when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them. With good culture they may be grown five or six inches in circumference. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.30.

MUSHROOM SPAWN.

Mushrooms may be cultivated much easier than is generally supposed. They may be grown in a cellar or shed or in beds prepared in the open air, in the same manner as hot-beds. Take fresh horse manure, shake it well apart, and lay it into a heap to ferment. Turn and mix it well every three or four days, by shaking together the outside of the heap, which is cold, and the inside, which is hot, so that every part of it may be equally fermented and deprived of its noxious quality. When the dung is in a fit state to be made into a dry spot for a foundation, mark out the bed which should be four feet wide, and as long as you choose to make it. In making the bed, mix the dung well together, beating it down with the fork until eighteen or twenty inches thick. In this state it may remain until the temperature is about 74 degrees. Divide the large cakes of spawn into small lumps, plant two inches below the surface, six inches apart, cover with two inches of fine, light soil and press down

evenly and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season. After the bed has been spawned, do not water unless quite dry; use lukewarm water only. Per brick 25c., 5 lbs. \$1. postpaid. By express not prepaid, 1 brick 15c., 10 lbs. \$1.

Book, "How to Grow Mushrooms," by mail 10c.

OKRA or GOMBO.

One ounce will plant 100 hills.

The young, green seed-pods of this plant are used in soups, or stewed and served like asparagus. The young pods can also be dried for winter use.

DWARF. Prolific, early, long-podded and productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

TALL. Height five feet. Plant in rows of three feet and let two plants stand to the foot. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

WHITE VELVET. It is very distinct in appearance, and unlike other varieties, the pods are not rigid, but are perfectly round and smooth, and of an attractive appearance; and of superior flavor and tenderness. The plants are comparatively dwarf and of compact branching growth; the pods are of extra large size and produced in great abundance. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

LETTUCE—CONTINUED.

EARLY CURLED SILESIAN. The old favorite; of dwarf, compact habit and quick growth; crisp, golden leaves with finely curled edges. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

GRAND RAPIDS. As a lettuce for green house forcing, this variety undoubtedly stands at the head of the list, being of quick growth, little liable to rot, and standing for some days after being fit to cut. The plant is upright and forms a loose head or cluster of large, light yellowish green leaves, slightly crimped and blistered and rather thin. It will stand shipping long distances better than most sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

PARIS WHITE COS LETTUCE. The Cos lettuces are distinct from the preceding sorts, in having long, narrow, spoon-shaped leaves, which usually fold into loose, sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.



Large London or Scotch Flag.

MUSTARD,



GIANT CURLED or CHINESE. Highly esteemed for salads, particularly in the South. The leaves are twice the size of the ordinary white mustard; flavor sweet and pungent. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

WHITE ENGLISH. The leaves are light green, mild and tender when young; seed light yellow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

BROWN or BLACK. The common small seeded variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

OSTRICH PLUME. An improvement over the Chinese. Very attractive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

MUSK MELONS.

One ounce will plant about 60 hills. Three pounds per acre.

15c. per lb. may be deducted when 5 lbs. or more of one variety are ordered, not prepaid.

Much of the melon seed offered throughout the country is the product of immature and deformed melons remaining in the field after all the choice fruit has been marketed. We do not sell any but the choicest seed.

GREEN FLESH VARIETIES.

The
Rocky
Ford.



Delicious
Flavor.

The
Most
Attractive
Musk
Melon
On
The
Market.

THE ROCKY FORD MUSK MELON is a new and most valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Netted Gem type, oval in shape, averaging from four and one half to five inches in length, of a delicious flavor, very fine and smooth grained flesh, of a light green color throughout when ripe. From the district in which it has been for the past several years so extensively grown, Rocky Ford, Colorado, and from which point these melons are shipped in their season by the car load to nearly every station in the United States, till the name Rocky Ford has become a synonym for excellence in cantaloupes. The seed we offer is our own growing at Rocky Ford, Colorado, and can be relied on for both purity and vitality. The accompanying cut made from a photograph of melons grown by us, will show the true type of the genuine Rocky Ford Cantaloupe. Be sure and include it in your order. Pkt. 5c., oz. 10., $\frac{1}{4}$ lb. 35c., lb. \$1.00, 4 lbs. for \$3.00 postpaid.

EXTRA EARLY CITRON. A decided acquisition among cantaloupes. Earlier than any other; large, showy, and of fine flavor. A variety which for its early maturity will be found profitable by all market gardeners, and desirable also in the private garden till others come into condition. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30 c., lb. 90c.

EXTRA EARLY HACKENSACK. By careful selection and improvement carried on for some years, this strain has been so developed that it produces melons with all the good qualities of the well known Hackensack Melon, but at least ten days earlier. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

NETTED GEM. This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. We offer an exceptionally fine stock of this sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

NETTED NUTMEG. We consider this the best variety in cultivation for family use. Vines vigorous, hardy, productive; fruit round, slightly flattened at both ends, ribbed, covered with coarse netting; flesh very thick, green and of the highest flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

THE HACKENSACK. The most popular variety of musk melon grown for market by gardeners in the vicinity of New York. It attains a large size, is round in shape, flattened at the ends; it is of most delicate flavor, and wonderfully productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

MONTREAL MARKET. This fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, deeply netted; flesh remarkably thick, light green, melting, and of a delicious flavor. They are very regular in shape, and uniformly grown to a very large size. To all who desire to raise the handsomest melons possible for exhibition, or extra large fine melons for market, we highly recommend the Montreal market. Pkt. 5c., oz. 10., $\frac{1}{4}$ lb. 30c., lb. 90c.



Montreal Market.

For Melon and Squash Bugs use Slug Shot with a powder duster or bellows.



Emerald Gem.

Khiva or Winter Musk Melon. Musk Melon for Christmas dinner? Yes, a delicious, sweet musk melon is a rare treat. You can have such, and from your own garden if you plant **Khiva**. It is the most delicately flavored winter-keeping melon we have ever eaten. The flesh is white and very thick, 2 to 3 inches deep. The skin is firm, with a grayish green color, slightly mottled. Is of egg shape, and weighs 12 to 30 lbs. Not real delicious until in November and later. They keep nicely until in January.

This melon is introduced by Mr. John F. Brown, a melon specialist of 15 years' experience—this alone is a grand recommendation. Last season forty crates were shipped from Utah to Agricultural Department, Washington, arriving in perfect condition. Can furnish seed in limited quantities only. Price 10c. per packet, 25c. per ounce, $\frac{1}{4}$ pound 75c.



Osage.

Cole's Early. This is an extra early melon, maturing fully a week or more in advance of any other variety. (See cut, page 25.) Melons are oval in form, small in size, hand-omely striped with light and dark green. In the earliest varieties the fruits are too small to be of value for shipping to market, but of good quality and desirable for raising for home use, especially where the season is short. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Phinney's Early. A very early variety; medium and uniform size, and of beautiful form. One of the best melons we know of. The skin is smooth, with uniform, narrow, white mottled and dark green stripes. Flesh light red or pink, very sweet and delicious. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Cuban Queen

MUSK MELONS—Continued.

Cassaba or Large Persian. Long, oval-shaped; skin very thin and delicate; flesh extremely tender, rich and sweet, and flows conspicuously with a cool juice, which renders them very grateful. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

SALMON FLESHED VARIETIES.

Emerald Gem. This is a new variety of excellent quality; it is of medium size. The skin, white ribbed, is perfectly smooth and of a deep emerald green color. The flesh is thick and of a suffuse salmon color, and ripens to the green rind. It is peculiarly crystalline in appearance, and so very juicy and rich that it almost drops to pieces when dipped out with a spoon. The flavor is very sweet and luscious. The vines are hardy and very prolific, and the melons mature extremely early. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Book, "How to Grow Melons for Market." Price 20c., postpaid.



Khiva or Winter Musk Melon.

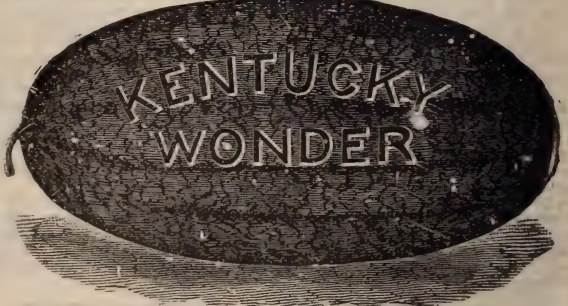
Osage. The great popularity which this melon has attained is due mainly to its peculiar luscious, spicy flavor and its perfect shipping qualities. The skin is very thin, of a dark green color and slightly netted. The flesh is of a salmon color, remarkably sweet, extremely thick, and delicious to the rind. It is also very productive. It is a remarkable keeper, and will stand shipping better than any melon we ever saw. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Banana. An entirely distinct variety, bearing long, slender, banana-like fruit. Skin creamy white, and entirely free from netting. Flesh deep salmon color, thick, and of good quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

Peach Melon, or Garden Lemon. The fruit is about the size of a large peach, oval-shaped and of a bright orange yellow color, somewhat russeted. When it first ripens it is quite hard, and has very little flavor, but soon they become mellow, not sweet, and have a rich flavor. For sweet pickles, pies, or preserving, they are superb. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

WATER MELONS.

One ounce will plant about 30 hills. 3 to 4 pounds will plant an acre
KING AND QUEEN. A new winter melon. See Novelties.



Kentucky Wonder. In shape it is oblong; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet color, crisp tender, rich and sugary flavor, always firm, and never mealy. Attains an average weight of forty to sixty pounds. Not a mammoth variety, but a real good old-fashioned Kentucky melon, that has few equals in quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cuban Queen. A large and solid variety, rind very thin and strong, ripens to the very center, skin striped with dark and light green. Vines strong, healthy, and of vigorous growth, very heavy cropper, flesh bright red, tender and melting, luscious, crisp and very sugary. It is an excellent keeper, and bears transit well. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Fifteen cents per pound may be deducted when five pounds or more of one variety of Melon is ordered, not prepaid.

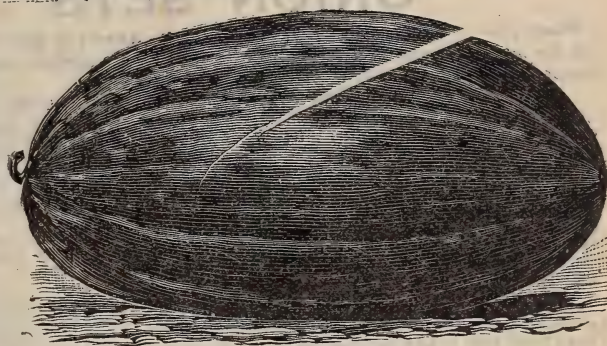
Be sure to ask for prices if you intend purchasing Melon Seed in large quantity.



ROCKY FORD WATER MELON.

This melon is considered one of the best for this climate. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh is sweet and sugary and of such texture that it leaves no strings of pulp whatever in eating. The melon is better for near by and home use than for long distance shipping and we believe it is the best table melon today. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

McIVER WONDERFUL SUGAR. Of southern origin. One of the very best in cultivation, most attractive appearance, luscious, sweet and juicy. Oblong in shape, attains great size and weight, the rind showing broad stripes of light and dark green, flesh rosy pink, solid and stringless from rind to core. Crisp and delicious. A grand sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.



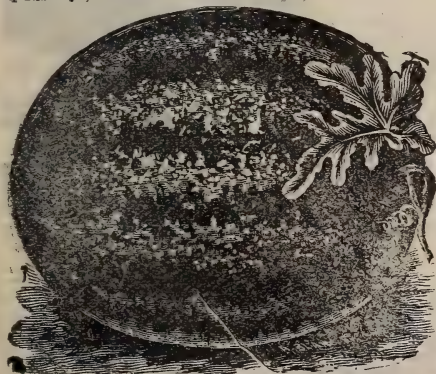
Rocky Ford.

ICE CREAM or PEERLESS. One of the best of water melons; solid, always of good flavor, rind very thin. Unequaled in good qualities. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

SWEET-HEART. A new melon of excellent quality, and one that is sure to become a popular and standard variety. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled, light and dark green. Rind thin, but firm. Flesh bright red, firm, solid, very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

GYPSY or RATTLESNAKE. The largest of all the varieties of water melons, long, smooth, distinctly striped with light mottled and wavy, dark green, regular stripes. Flesh bright scarlet and very sugary. Thin-skinned but bears carriage well, which, together with its large size, will make it an exceedingly popular late market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

KOLB'S GEM. Vines of medium size but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a bright and attractive appearance. Flesh bright red, extending to within half an inch of the rind; always solid very firm, a little coarse, but sweet and tender. An excellent keeper. All who have grown it agree in pronouncing it one of the largest, most productive, best keeping and shipping melons ever grown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Kolb's Gem.

JONES' JUMBO. The shape is round, color green with faint lighter stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market melon sells more rapidly and for higher prices. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

We are the largest growers of Melon Seed in the West, grow several carloads annually. Buy your Melon Seed from Headquarters. Will make Special Prices on Large Lots.

Fifteen cents per pound may be deducted when five pounds or more of one variety of Melon is ordered, not prepaid.

ONIONS

SILVER SKIN. Sometimes known as the White Portugal. A mild, pleasant flavored variety admirable for family use; not so good a keeper as the dark-skinned varieties. Pkt. 5c., oz. 20c. $\frac{1}{4}$ lb. 50c., lb. \$1.50.

WHITE GLOBE. Yield abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of fine flavor. Sometimes called Southport White Globe. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



GIANT WHITE ITALIAN TRIPOLI. A large, beautiful, pure white, flat onion of mild and excellent flavor. Will produce a somewhat larger onion from seed than our White Portugal; but to attain their full size the plants should be started very early in a hot bed and set out in rich soil. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

EL PASO. A new variety from Mexico. It grows there to a diameter of six inches, weighing two-thirds of a pound, flavored very mildly. Our seed of this variety comes direct from Mexico, bought from farmers and ranchmen. Skin of the onion generally white, but sometimes mixed with red and yellow. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

MAMMOTH SILVER KING. We have imported seed of this truly mammoth variety direct from the originator in Italy. It is of attractive shape, with silvery white skin, and flesh of a most agreeable, mild flavor. It reaches a larger size than any of the flat white varieties, frequently measuring twenty inches in circumference and weighing three to four pounds. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

BERMUDA ONIONS - American-grown Seed. These onions grow to an immense size and are of beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from one to one and a half pounds from seed, but to attain full size, set out the bulbs the following spring.

supply either White or Red. In ordering, please state what color you prefer. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.
A good book that helps onion growers. "Onions for Profit" by Grenier. Price only 30c. postpaid.

ONION SETS.

Priees given are subject to market fluctuations. When you want large quantities ask for market prices. Thirty-two pounds constitute a bushel, except the Top or Button Sets, which are 28 pounds for a bushel.

When wanted by mail, add 10c. per quart.

RED BOTTOM. Produced by sowing thickly the seed of the Large Red Wethersfield variety, and thinning out. They mature under this method when about half an inch through. They are then used precisely as top onions are; set them out in the spring, instead of sowing the seed. Qt. 20c., $\frac{1}{4}$ bu. 85c., bu. \$3.

YELLOW BOTTOM. Identical with the preceding, except in color. They are used in the same manner, and are produced from the black seed of the Yellow Danvers variety. Qt. 20c., $\frac{1}{4}$ bu. 85c., bu. \$3.

WHITE BOTTOM. The seed of the White Silver Skin or White Portugal varieties is used to produce the white sets. They do not keep as well as the red or yellow, but produce beautiful white onions early in the season. Qt. 25c., $\frac{1}{4}$ bu. 90c., bu. \$3.25.

TOP or BUTTON. Produces no seed, but instead a number of small bulbs or onions about the size of an acorn, and on the top of the stalk. These little bulbs are used instead of seed, and will produce a large onion, maturing much earlier than from seed. The large onion produces the top onion, and the little top onion produces the larger onion. Qt. 20c., $\frac{1}{4}$ bu. \$1.00, bu. \$3.50.

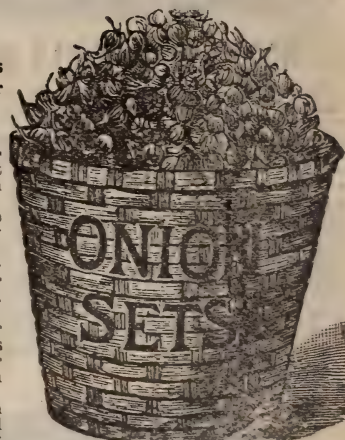
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POTATO ONION. Produces a quantity of young bulbs on the parent root, which should be planted early in spring in rows eighteen inches apart six inches apart in the row and covered one inch deep. They should be earthened up like potatoes as they continue to grow. Qt. 25c., $\frac{1}{4}$ bu. \$1.25, bu. \$4.

WHITE MULTIPLIER ONION SETS. These are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Qt. 25c., $\frac{1}{4}$ bu. \$1.25, bu. \$4.

SHALLOTS. Used extensively in Germany. Valuable for an early crop. They grow in clusters, very productive, of very mild and sweet flavor. Qt. 25c., $\frac{1}{4}$ bu. \$1.25, bu. \$4.

For Garlic—see page 20.



PARSLEY.



NEW EMERALD. The plants are of dwarf, compact growth, while the leaves are of a handsome bright-green coloring, very finely crimped and curled, of most ornamental appearance. One of the finest for garnishing or flavoring. Commands the highest prices in Denver markets. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

CHAMPION MOSS or TRIPLE CURLED. The leaves are finely cut and curled and of a dark green color. Extra fine for garnishing and culinary purposes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

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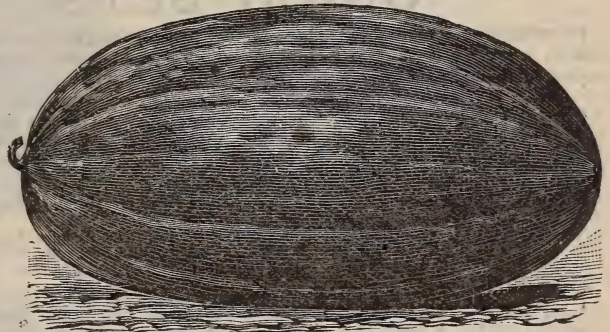
If you want to know all about Alfalfa
growing send us 50c. for Prof. Coburn's
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ROCKY FORD WATER MELON.

This melon is considered one of the best for this climate. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh is sweet and sugary and of such texture that it leaves no strings of pulp whatever in eating. The melon is better for near by and home use than for long distance shipping, and we believe it is the best table melon today. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

McIVER WONDERFUL SUGAR. Of Southern origin. One of the very best in cultivation, most attractive appearance, luscious, sweet and juicy. Oblong in shape, attains great size and weight, the rind showing broad stripes of light and dark green, flesh rosy pink, solid and stringless from rind to core. Crisp and delicious. A grand sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.



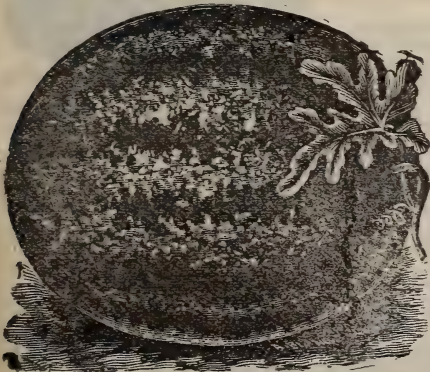
Rocky Ford.

ICE CREAM or PEERLESS. One of the best of water melons; solid, always of good flavor, rind very thin. Unequaled in good qualities. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

SWEET-HEART. A new melon of excellent quality, and one that is sure to become a popular and standard variety. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled, light and dark green. Rind thin, but firm. Flesh bright red, firm, solid, very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

GYPSY or RATTLESNAKE. The largest of all the varieties of water melons, long, smooth, distinctly striped with light mottled and wavy, dark green, regular stripes. Flesh bright scarlet and very sugary. Thin-skinned but bears carriage well, which, together with its large size, will make it an exceedingly popular late market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

KOLB'S GEM. Vines of medium size but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a bright and attractive appearance. Flesh bright red, extending to within half an inch of the rind; always solid very firm, a little coarse, but sweet and tender. An excellent keeper. All who have grown it agree in pronouncing it one of the largest, most productive, best keeping and shipping melons ever grown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Kolb's Gem.

JONES' JUMBO. The shape is round, color green with faint lighter stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market melon sells more rapidly and for higher prices. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

We are the largest growers of Melon Seed in the West, grow several carloads annually. Buy your Melon Seed from Headquarters. Will make Special Prices on Large Lots.

Fifteen cents per pound may be deducted when five pounds or more of one variety of Melon is ordered, not prepaid.

ONIONS

SILVER SKIN. Sometimes known as the White Portugal. A mild, pleasant flavored variety admirable for family use; not so good a keeper as the dark-skinned varieties. Pkt. 5c., oz. 20c. $\frac{1}{4}$ lb. 50c., lb. \$1.50.
WHITE GLOBE. Yield abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of fine flavor. Sometimes called Southport White Globe. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



GIANT WHITE ITALIAN TRIPOLI. A large, beautiful, pure white, flat onion of mild and excellent flavor. Will produce a somewhat larger onion from seed than our White Portugal; but to attain their full size the plants should be started very early in a hot bed and set out in rich soil. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

EL PASO. A new variety from Mexico. It grows there to a diameter of six inches, weighing two-thirds of a pound, flavored very mildly. Our seed of this variety comes direct from Mexico, bought from farmers and ranchmen. Skin of the onion generally white, but sometimes mixed with red and yellow. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$2.

MAMMOTH SILVER KING. We have imported seed of this truly mammoth variety direct from the originator in Italy. It is of attractive shape, with silvery white skin, and flesh of a most agreeable, mild flavor. It reaches a larger size than any of the flat white varieties, frequently measuring twenty inches in circumference and weighing three to four pounds. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

BERMUDA ONIONS (American-grown Seed). These onions grow to an immense size and are of beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from one to one and a half pounds from seed, but to attain full size, set out the bulbs the following spring. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

supply either White or Red. In ordering, please state what color you prefer. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.
 A good book that helps onion growers. "Onions for Profit" by Grenier. Price only 30c. postpaid.

ONION SETS.

Prices given are subject to market fluctuations. When you want large quantities ask for market prices. Thirty-two pounds constitute a bushel, except the Top or Button Sets, which are 28 pounds for a bushel.

When wanted by mail, add 10c. per quart.

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If you want to know all about Alfalfa
 growing send us 50c. for Prof. Coburn's
 Book on Alfalfa.

PARSNIPS.

They do the best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate, it should be sown as early as possible; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation, and thin the plants six or eight to the foot. One ounce will sow 150 feet of drill, 5 pounds one acre.

MAGNUM BONUM. A very fine and greatly improved strain of the Hollow Crown, which we can recommend to all marketmen as a *money maker*. The roots smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

SUGAR, or HOLLOW CROWNED. The best for table use; a vegetable of merit, easily raised, and of great productiveness. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

GUERNSEY. Roots comparatively short, ending somewhat abruptly with a small tap root; grows from a cavity on the top or crown of the root. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



Hollow Crown.

PEAS.

One quart of seed sows 50 feet of drill, 120 lbs. for an acre.

When ordering Peas to be forwarded by mail be sure to add postage at rate of 8c per pound.

Prices for all Peas except where priced otherwise. Pkt. 5c., $\frac{1}{2}$ lb. 10c., lb. 15c., 2 lbs. 25c.

Prosperity, or Gradus Peas.

A Great Extra Early Wrinkled Pea.

This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small, round, extra early sorts. It is sold under two names, but the two strains appear to be identical. It is hardy and may be planted as soon as the ground is fit to work in spring, along with smooth Peas.

Gradus is a wrinkled Pea, with vine growing about 30 inches high. The pods are of a bright green color, and measure 4 inches or more in length, being as large as a Telephone and equally well filled with luscious peas—8 to 10 or more in a pod. The Peas are a first-class table quality and retain their color and attractive appearance after cooking. It is a grand Pea in all respects. Pkt. 5c., $\frac{1}{2}$ lb. 15c., lb. 25c.

ALASKA. A variety of remarkable earliness and hardiness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens evenly; one picking will nearly clean off the crop. Advise market gardeners to give this variety a trial. 10 lbs. 80c.

FIRST AND BEST. This is a reliable early cropper of the hardy, smooth-seed variety. Not quite as

early as Alaska, but a great improvement over the old Philadelphia Extra Early. 10 lbs. \$1.

TOM THUMB. This variety was introduced thirty years ago. Vine bushy, growing to a height of ten inches; foliage heavy; productive; matures in thirty five days after sprouting. 10 lbs. \$1.



Alaska.



Our First and Best.

Positively there are no better tools made for the garden than the
PLANET JR.



One ounce of seed will plant 20 hills, 4 pounds one acre.

PUMPKIN

Mammoth Tours.

SMALL SUGAR or PIE PUMPKIN. A handsome prolific variety; fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange yellow, flesh fine grained and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

LARGE CHEESE. A popular variety in the South. Fruit flattened, the diameter being two or three times more than the length; skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

CASHAW or CROOKNECK. A French variety liked by many. Has yellow flesh, solid and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

MAMMOTH TOURS. A French variety, which grows to an immense size, often weighing over one hundred pounds. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.



Japanese Pie Pumpkin.

COMMON FIELD. The well known old Connecticut field variety. Grows well among corn. Varies in shape. Excellent dairy stock feed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

TENNESSEE SWEET POTATO. A good variety for making pies and other cooking purposes. It is of medium size, of a white cream color, and has an excellent flavor. Good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

JAPANESE PIE. The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin; usually fine-grained, dry and sweet, having much the taste and appearance as sweet potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked, and sculptured in Japanese characters. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

KING OF MAMMOTH. The flesh and skin are of a bright golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh over 200 lbs. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

KENTUCKY FIELD. A large round variety, producing in great numbers. Has thick meat of a fine quality. Very suitable for canners use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

LARGE PUMPKINS. Try a few of either of these mammoth Pumpkins. Plant early in a protected place, thinning the plants to but two in a hill, and pinch off all blossoms to but three on a vine, then watch for a Big Pumpkin. If ground is rich and plants properly cared for you will raise prize-winners. Show your neighbors what you can do with "Western Seeds."

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POTATOES.

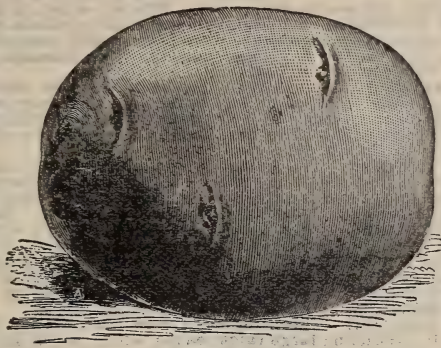
If wanted by mail add 15c per pound to pay postage. We use extra packing for mail Shipments.

When large lots are wanted write for prices, stating varieties and quantity desired. When ordering please state whether or not we shall substitute other varieties, in case supply of certain varieties wanted is exhausted.

All our seed potatoes are grown by experienced men who make a specialty of potatoes for seed. You can depend upon our stock.

ACME. We place this potato at the head of the list, not only as it is the earliest of all the potato family, but it is also a fine keeper and is just the thing to plant in high altitudes, as it matures its crop in half the time many of the other varieties do, thus escaping all danger of heavy frosts. It is an enormous yielder. It produces 300 to 400 bushels to the acre under ordinary cultivation. Following is the introducer's description: "Ready for the table in five weeks and crop fully matured in nine weeks."

This potato was introduced in the West in 1894, and has attracted a great deal of favorable notice. The originator says it was produced from a seed ball taken from a vine of the Snowflake, growing between Early Rose and Early Ohio. This is



Acme.

EARLY SIX WEEKS. For several years this has been considered the earliest of pink skin varieties. It is valuable for market gardeners, it being a variety that can be marketed with satisfaction, even when very young. It brings



Early Six Weeks.

but outyields it and is a finer grain potato. The standard among early varieties. Oblong shape, pink skin, shallow eyes. can be marketed before fully matured. Our stock is second year from Wisconsin grown. 10 lbs. 35c., 25 lbs. 65c., 100 lbs. \$1.75, 500 lbs. \$7.50.

ROSE SEEDLING. This is the potato that is famous about Greeley, and is now known in nearly all potato markets as "Colorado Red," "Greeley," "Seedling," etc. It is our standard for general crop. Our stock is selected for purity. 10 lbs. 30c., 25 lbs. 50c., 100 lbs. \$1.50, 500 lbs. \$6.75.

We can also supply the following standard varieties:

RURAL NEW YORKER, White.

MAMMOTH PEARL, White.

CARMAN NO. 3, White

PROLIFIC ROSE, Red.

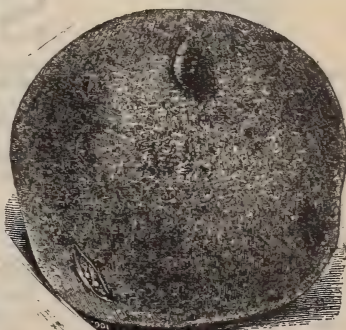
LATE ROSE, Red

25 lbs. 50c., 100 lbs. \$1.50, 500 lbs. \$6.75, 1000 lbs. \$12.50.

No potatoes shipped until the weather is favorable unless so requested by purchaser. We have fertilizers especially suited to potato culture. Ask for Particulars.

Humphrey's Coneave Potato Knife; just the thing. 30c., 3 for 75c., post paid.

POTATO HAND PLANTERS. The Eureka with tube, 90c., 3 for \$2.50. The Pingree, similar to Eureka except has no tube—only a stub pocket, 65c., 3 for \$1.75.



Eureka

SWEET POTATOES.

To insure prompt filling of orders for Sweet Potatoes they must be engaged ahead. Standard weight of Sweet Potatoes 50 pounds per bushel, 125 pounds net per barrel.

Buyers will please note that owing to the tenderness of Sweet Potatoes we do not guarantee the safe arrival of Sweet Potato Seed or plants; however we use all precaution possible in packing and time of shipping. Sweet Potatoes can not be mailed.

YELLOW NANSEMOND. Standard variety for main crop. The best for short season localities. 10 lbs. 75c., 25 lbs. \$1.50

YELLOW JERSEY. Similar to the preceding, only shorter and thicker in size. 10 lbs. for 75c., 25 lbs. \$1.50.

YELLOW VINELESS. The vine grows in a bunch over the hill, and thus can be grown and cultivated much easier than the old kinds. 10 lbs. \$1.00, 25 lbs. \$1.75.

THE BLOOMING. A decided novelty of merit. The plant produces blossoms like a Morning Glory, besides producing a first-class table Sweet Potato, dry and mealy. Supply is limited. 3 lbs. for 35c., 10 lbs. for \$1.00, 25 lbs. \$2.00.

SWEET POTATO PLANTS.

We think it far better to depend on us for plants than for you to undertake to ship in the seed. We can furnish the following: Ready May 15 until in July.

| | Per 50 | Per 100 | Per 1000 | | Per 50 | Per 100 | Per 1000 |
|-----------------------|--------|---------|----------|----------------------|--------|---------|----------|
| Yellow Nansemond..... | 25c. | 40c. | \$3 00 | Yellow Vineless..... | 30c. | 50c. | \$4 00 |
| Yellow Jersey..... | 25c. | 40c. | 3 00 | The Blooming..... | 30c. | 50c. | 4 00 |

If wanted by mail postage should be added, 15c. for 50, 25c. for 100 plants. Will make special price on large lots.

We positively will not accept orders for long distance shipping of Sweet Potato seed or plants, excepting at purchaser's risk.



SALSIFY OR OYSTER PLANT. One ounce for 60 feet of drill.

MAMMOTH SANDWICH ISLAND. This new salsify recently introduced from the Sandwich Islands, grows fully double the size of the common variety, and is superior in quality. It is pure white in color, and is invaluable to market gardeners. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

SPINACH.

One ounce will sow 100 feet of drill. Ten to twelve pounds for one acre.

ROUND SUMMER. This variety is generally preferred for early spring sowing, and is the most popular with market gardeners. Leaves large, thick and fleshy. Not quite so hardy as the prickly, but stands winter well. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

LONG STANDING. An improved strain of excellent merit, having all the good qualities of the ordinary sorts; what renders it especially desirable is the fact that it is much later in going to seed than any other variety. This valuable quality will be appreciated. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

AMERICAN CURLED, SAVOY LEAVED. A most valuable variety. In appearance the leaf is wrinkled in the same way peculiar to the Savoy cabbage, from whence the name. It produces nearly twice the bulk of crop as the ordinary sort, is fully as hardy, and in all other respects equal. The best and most productive sort for market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

NEW VICTORIA. The foliage is heavy, the broad, dark leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special value, both for market and family gardens, is that it is in prime condition from two to three weeks after all other varieties of spinach have run to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

LARGE ROUND THICK LEAF VIROFLAY. A new variety, with very large, thick leaves, making it especially desirable where bulk is desired. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

PRICKLY WINTER. The hardest variety, and will withstand the severest weather, with only a slight protection of leaves or straw. The seed is prickly; leaves triangular, oblong, or arrow-shaped. It is employed for fall sowing, which in this latitude is made about the first of September. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

NEW ZEALAND. This is different from the ordinary type of spinach, being of a branching habit, producing large thick leaves, which can be gathered and used as greens throughout the summer. Especially desired in very hot weather when ordinary spinach is not good. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

5 lbs. or more of one variety, not prepaid, at 15c. less per pound.

SQUASH.

Mammoth Sandwich Island. One ounce will plant 20 to 40 hills, according to size of seed. 4 to 6 pounds will plant one acre.

EARLY WHITE BUSH. This is the well known White Pattypan squash. The earliest to mature; very productive; light cream colored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

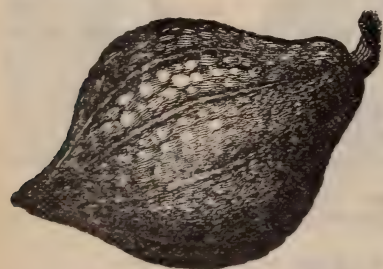
MAMMOTH WHITE BUSH. The fruit is a beautiful clear, waxy-white instead of the yellowish white so often seen in the old stock, and is much larger. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

GOLDEN SUMMER CROOKNECK. A small, crooknecked, summer squash; skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

MAMMOTH SUMMER CROOKNECK. It is the best summer squash, and for these reasons: It is twice as large as the ordinary Summer Crookneck, far more warty and several days earlier. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for the market or private garden. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



White Bush.



Hubbard.

HUBBARD. The best table squash yet known, good specimens being about equal to the sweet potato. It has a hard shell, and with some care will keep three months later than the Marrows; flesh fine grained, dry and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1. 5 lbs. not prepaid \$4.

WARTY HUBBARD. This is one of the best in quality of all winter sorts. Is attractive on the market, and a ready seller. Very dark green, and flesh is dry and sweet. Very hard shell, which insures long keeping qualities. High prices can be gotten in early spring market. It is considered an improvement on the old type of Hubbard, on account of its warted skin. Pkt. 5c., oz. 10c.; $\frac{1}{4}$ lb. 30c., lb. \$1.

GOLDEN HUBBARD. This is a very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature, and of a rich, orange red color, instead of the dark olive green of the old Hubbard, while the flesh is a little deeper colored and fully as good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

BOSTON MARROW. Oval in form; color of skin bright orange, flesh yellow; very desirable for late autumn and winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

MARBLEHEAD. It is unquestionably an excellent keeper, and is finer grained and dryer than any sort we have seen. About the size of the Hubbard, with shell of bluish-green, and bright orange flesh. Requires the whole season to mature. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

PROLIFIC MARROW. This new Marrow Squash appears to be a valuable acquisition; for while it is remarkably productive, no variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow. Its color is most attractive—a brilliant orange-red; quality excellent; a good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

SIBLEY'S. One of the best shippers, owing to the hardness of the shell. Flesh is solid and thick, a bright orange color, and of choice quality. Flavor rich and sweet, and it ripens evenly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Five lbs. or more of one variety, not prepaid, at 15c. less per pound.



Prolific Marrow.

POTATOES.

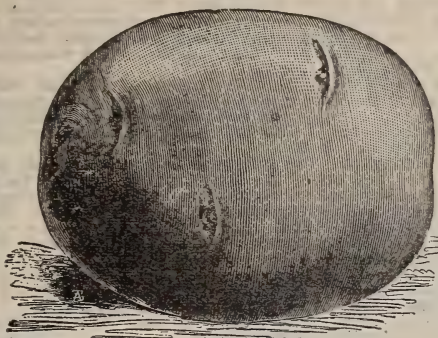
If wanted by mail add 15c per pound to pay postage. We use extra packing for mail Shipments.

When large lots are wanted write for prices, stating varieties and quantity desired. When ordering please state whether or not we shall substitute other varieties, in case supply of certain varieties wanted is exhausted.

All our seed potatoes are grown by experienced men who make a specialty of potatoes for seed. You can depend upon our stock.

ACME. We place this potato at the head of the list, not only as it is the earliest of all the potato family, but it is also a fine keeper and is just the thing to plant in high altitudes, as it matures its crop in half the time many of the other varieties do, thus escaping all danger of heavy frosts. It is an enormous yielder. It produces 300 to 400 bushels to the acre under ordinary cultivation. Following is the introducer's description: "Ready for the table in five weeks and crop fully matured in nine weeks."

This potato was introduced in the West in 1894, and has attracted a great deal of favorable notice. The originator says it was produced from a seed ball taken from a vine of the Snowflake, growing between Early Rose and Early Ohio. This is



Acme.

surely a famous ancestry, and accounts for high quality, vigor, and earliness of the new potato. The tubers are of good shape, as shown in the illustration. The skin is of a pale pink color, and the flesh is white. The vines are upright and the tubers grow compactly in the hills, resembling Early Ohio in this respect, but largely surpassing that variety in yield of large-sized potatoes, and maturing earlier."

A potato grower on the western slope reports: "The Acme is the earliest of more than twenty varieties tested at Fruita, and out yields all others."

| | |
|---------------|-------|
| | Price |
| 2 lbs | 15c |
| 5 lbs | 25c |
| 10 lbs | 40c |
| 25 lbs | 75c |
| 100 lbs | 2.00 |

EARLY SIX WEEKS. For several years this has been considered the earliest of pink skin varieties. It is valuable for market gardeners, it being a variety that can be marketed with satisfaction, even when very young. It brings

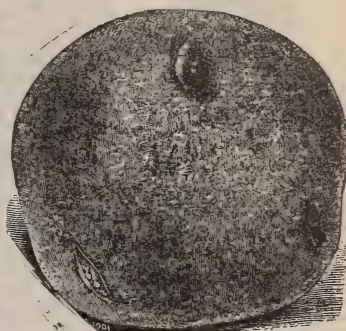


Early Six Weeks.

but outyields it and is a finer grain potato.

Where tested with other general crop varieties, the Eureka is pronounced the leader. Is certain to be the coming white potato. 2 lbs. 15c., 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 65c., 100 lbs. \$2.00.

ROSE SEEDLING. This is the potato that is famous about Greeley, and is now known in nearly all potato markets as "Colorado Red," "Greeley," "Seedling," etc. It is our standard for general crop. Our stock is selected for purity. 10 lbs. 30c., 25 lbs. 50c., 100 lbs. \$1.50, 500 lbs. \$6.75.



Eureka

10 lbs. 30c., 25 lbs. 50c., 100 lbs.

We can also supply the following standard varieties:

| | | |
|--|------------------------------|----------------------------|
| RURAL NEW YORKER, White. | MAMMOTH PEARL, White. | CARMAN NO. 3, White |
| PROLIFIC ROSE, Red. | LATE ROSE, Red | |
| 25 lbs. 50c., 100 lbs. \$1.50, 500 lbs. \$6.75, 1000 lbs. \$12.50. | | |

No potatoes shipped until the weather is favorable unless so requested by purchaser. We have fertilizers especially suited to potato culture. Ask for Particulars.

Humphrey's Concave Potato Knife; just the thing. 30c., 3 for 75c., post paid.

POTATO HAND PLANTERS. The Eureka with tube, 90c., 3 for \$2.50. The Pingree, similar to Eureka except has no tube—only a stub pocket, 65c., 3 for \$1.75.

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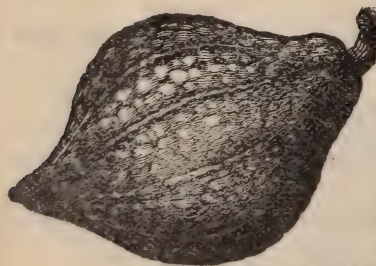
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Prolific Marrow.

SQUASH—Continued.—**MAMMOTH CHILI.** Although not new, we desire to call the especial attention of all who want "mammoth squashes" to this variety. Size enormous; often weighing 200 to 300 pounds; very profitable for stock feeding, especially where root crops are grown extensively; remarkably productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

VEGETABLE MARROW. A favorite English sort; early, skin greenish-white, flesh white, soft and of rich flavor quite distinct from other sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

ESSEX HYBRID. An improved American Turban, having the color, shape and superior qualities of the Turban, with the dry and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained, and sweetest of all the squash family, but one of the very best keepers. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

 5 pounds or more of one variety, not prepaid, at 15c. less per pound.

TOBACCO.

HAVANA. Pure Cuban-grown seed. When grown in this country, commands a high price as cigar stock. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.

MISSOURI BROAD LEAF. A well-known standard sort, valuable for cigar wrappers. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

CONNECTICUT SEED LEAF. Best adapted to the climate of the Middle and Northern States, as it is more hardy, and endures the cold better than the tender varieties grown South. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

WHITE BURLEY. A variety largely grown for the manufacture of Fine Cut and Plug. Pkt. 5c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

TOMATOES.

(One ounce will produce about fifteen hundred plants.)

KANSAS STANDARD TOMATO.

The "Kansas Standard" belongs to the potato-leaved section of tomatoes; is of rapid, vigorous growth, with strong, heavy stalks which stand up well unless, which is often the case, it is pulled down by over abundant fruit. It begins blooming when only six or seven inches high, attains a height of from two and one-half to three feet and sets its fruit—a rare habit in any tomato—from the first blooms. The fruit is of a bright glossy red color, and is produced in clusters of four to five tomatoes. In shape the fruit is round, slightly flattened, ripening clear to the stem, perfectly smooth, has very few seeds, meat firm and thick, has most excellent flavor, is of good size, rarely affected by rot or cracking, has a tough skin—a necessary quality for shipping, and which offers successful resistance to insects so destructive to other varieties, and is a first rate keeper. Specimens having been taken from vines and kept three weeks without showing the least signs of decay. The entire cluster ripens evenly at once, and not here and there a few as in other sorts, a point of special merit that market gardeners will appreciate.

Train to stakes and keep all side shoots removed until the fourth cluster is formed. Pkt. 5c., $\frac{1}{2}$ oz., 15c., oz. 25c., $\frac{1}{4}$ lb. 75c.

NEW MATCHLESS TOMATO. Well worthy of its beautiful color and fine form. The vines are of strong, vigorous growth, well set with fruit. The fruits are free from core, of a very rich cardinal red color, and are not liable to crack from wet weather, are of very large size, and the size of the fruit is maintained throughout the season until killed by frost. The skin is remarkably tough and solid, and ripe specimens picked from the vines will keep in good condition for several weeks. It is of fine quality, solid and a long keeper. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.

ACME. A tomato of superior quality; size medium; shape slightly oval; color maroon or reddish with slight tinge of purple; flesh deep scarlet and unusually solid. A characteristic of this tomato is its entire freedom from all irregularities, every specimen being as smooth as an apple. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

ATLANTIC PRIZE. This is the largest, smoothest, best flavored and brightest colored extra early tomato. Vine medium size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

DWARF CHAMPION. Its close upright growth enables it to be planted much nearer together than any of the older sorts, and the yield, therefore, is likely to be much greater; in productiveness it is unsurpassed. It is also very early. The fruit resembles the Acme, and is of a purplish-pink color, and always smooth and symmetrical in form. It is medium size and attractive in appearance; the skin is tough, and the flesh solid and of fine quality. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

TROPHY. An improved sort for either private use or market garden. By judicious, careful selection, the green corona or crown has nearly disappeared. It is large, smooth, solid, fine in color, prolific. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

PERFECTION. It is shaped like the Acme, somewhat larger, the same flavor, fully as early, perfectly smooth, blood red in color, with more flesh and fewer seeds. A heavy cropper, and produces more and larger fruit at the close of the season. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

EXTRA EARLY RED. An old favorite for early fruiting though not large. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.



Standard Tomato.

Our prices for seeds by pound include postage except where noted.

AROMATIC, MEDICINAL AND POT HERBS.

ANISE. This herb is an annual, and is cultivated for its seeds and its leaves, which are occasionally used as a garnish and for seasoning. The seeds have a fragrant, agreeable scent, and a sweetish, pleasant taste. Pkt. 5c., oz. 10c.

BALM. A hardy perennial, and has an aromatic taste, and a grateful fragrant smell, a little like lemons. It is used in making balm tea, a grateful drink in fevers, and for forming a pleasant beverage called Balm Wine. Pkt. 5c., oz. 25c.

BORAGE. In Germany the leaves are cut and used for cucumber salad; the flowers make a beautiful garnish. Pkt. 5c., oz. 15c.

CARAWAY. Its roots are sometimes used for cooking, and it is said to equal the parsnip. The seeds are used medicinally. Biennial. Pkt. 5c., oz. 10c. Seed for flavoring, oz. 5c., $\frac{1}{4}$ lb. 15c.

CORIANDER. Its tender leaves are sometimes used for soups and salads. Its seeds have a pleasant, aromatic taste, and are carminative and stomachic. Annual. Pkt. 5c., oz. 10c.

CHERVIL. A native of south Europe. It is used for soups and salads. An annual. Pkt. 5c., oz. 15c.

CATNIP or CATHINT. A great favorite medicinal herb. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

DILL. Is a native of southern Europe. It is cultivated for its seeds which are used medicinally in cases of flatulence and colic in infants. Leaves are often used for culinary purposes. Annual. Pkt. 5c., oz. 10c.

DANDELION. The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching or salad. The roots, when dried and roasted, are often employed as a substitute for coffee.

LARGE LEAVED. Double the size of the common. Pkt. 5c., oz. 50c.

HYSSOP. A hardy perennial with an aromatic flower, and warm, pungent taste. It is a stimulant and expectorant, and is used in asthma and chronic catarrh. Pkt. 5c., oz. 20c.

HOREHOUND. A native of Europe. It has a strong, aromatic smell and is used as a tonic. It is also used in cases of pulmonary complaints. Perennial. Pkt. 5c., oz. 20c.

LAVENDER. It is cultivated for its fragrant flowers, which are used for distilling Lavender Water. Leaves and flowers are aromatic. Gather the flowers before they begin to fade. Perennial. Pkt. 5c., oz. 15c.

ROSEMARY. A native of the south of Europe. It is used in many diseases quite successfully, among which are chlorosis and nervous headache. The tops only are used as a medicine. Pkt. 5c., oz. 40c.

RUE. It is used in nervous complaints, but must be used with caution, as it is a very powerful tonic. It must not be allowed to run to seed. A perennial. Pkt. 5c., oz. 15c.

SAVORY. A native of Italy. Leaves much used for culinary purposes. They have a very agreeable flavor. If powdered finely and sealed tightly in glass bottles, will retain their flavor a long time. Annual. Pkt. 5c., oz. 10c.

SAGE. The leaves are used for seasoning, stuffing, etc. Tea made from the leaves is an excellent sudorific. Perennial. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50. For Sage Roots see "Vegetable Roots."

SAFFRON. Pick the flowers, and dry, for their medicinal qualities. An annual. Pkt. 5c., oz. 20c.

SORREL, Broad Leaved. It is used in soups and salads, and is sometimes cooked like Spinach. Perennial. Pkt. 5c., oz. 20c.

SWEET FENNEL. The stalks are sometimes blanched and eaten like celery. The seeds are used carminatively; also medicinally. Perennial. Pkt. 5c., oz. 10c.

SWEET MARJORAM. A native of Portugal. An aromatic of very sweet flavor: the leaves are used in soups, broths, etc. Biennial. Pkt. 5c., oz. 15c.

TARROGAN. Leaves of this plant are used to make Tarrogon Vinegar. Pkt. 10c. For roots see "Vegetable Roots."

WORMWOOD. Used for medicinal purposes. It is also beneficial to poultry, and should be placed in poultry grounds. Pkt. 5c., oz. 20c.

SWEET THYME. It is a native of Greece. It is both a medicinal and a culinary herb. Thyme tea is a cure for nervous headache. Height six or eight inches. Perennial. Pkt. 5c., oz. 30c.

SWEET BASIL. The leaves and the tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and in sauces; a leaf or two is sometimes introduced into salads. Pkt. 5c., oz. 15c.



Savory.



Sweet Majoram.



Sage.



Sweet Thyme.



Sweet Basil.

SQUASH—Continued.—**MAMMOTH CHILI.** Although not new, we desire to call the especial attention of all who want "mammoth squashes" to this variety. Size enormous, often weighing 200 to 300 pounds; very profitable for stock feeding, especially where root crops are grown extensively; remarkably productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.
VEGETABLE MARROW. A favorite English sort; early, skin greenish-white, flesh white, soft and of rich flavor quite distinct from other sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.
ESSEX HYBRID. An improved American Turban, having the color, shape and superior qualities of the Turban, with the dry and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained, and sweetest of all the squash family, but one of the very best keepers. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.
5 pounds or more of one variety, not prepaid, at 15c. less per pound.

TOBACCO.

HAVANA. Pure Cuban-grown seed. When grown in this country, commands a high price as cigar stock. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.
MISSOURI BROAD LEAF. A well-known standard sort, valuable for cigar wrappers. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.
CONNECTICUT SEED LEAF. Best adapted to the climate of the Middle and Northern States, as it is more hardy, and endures the cold better than the tender varieties grown South. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.
WHITE BURLEY. A variety largely grown for the manufacture of Fine Cut and Plug. Pkt. 5c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

TOMATOES.

(One ounce will produce about fifteen hundred plants.)

KANSAS STANDARD TOMATO.

The "Kansas Standard" belongs to the potato-leaved section of tomatoes; is of rapid, vigorous growth, with strong, heavy stalks which stand up well unless, which is often the case, it is pulled down by over abundant fruit. It begins blooming when only six or seven inches high, attains a height of from two and one-half to three feet and sets its fruit—a rare habit in any tomato—from the first blooms. The fruit is of a bright glossy red color, and is produced in clusters of four to five tomatoes. In shape the fruit is round, slightly flattened, ripening clear to the stem, perfectly smooth, has very few seeds, meat firm and thick, has most excellent flavor, is of good size, rarely affected by rot or cracking, has a tough skin—a necessary quality for shipping, and which offers successful resistance to insects so destructive to other varieties, and is a first rate keeper. Specimens having been taken from vines and kept three weeks without showing the least signs of decay. The entire cluster ripens evenly at once, and not here and there a few as in other sorts, a point of special merit that market gardeners will appreciate.

Train to stakes and keep all side shoots removed until the fourth cluster is formed. Pkt. 5c., $\frac{1}{4}$ oz., 15c., oz. 25c., $\frac{1}{4}$ lb. 75c.

NEW MATCHLESS TOMATO. Well worthy of its beautiful color and fine form. The vines are of strong, vigorous growth, well set with fruit. The fruits are free from core, of a very rich cardinal red color, and are not liable to crack from wet weather, are of very large size, and the size of the fruit is maintained throughout the season until killed by frost. The skin is remarkably tough and solid, and ripe specimens picked from the vines will keep in good condition for several weeks. It is of fine quality, solid and a long keeper. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.

ACME. A tomato of superior quality; size medium; shape slightly oval; color maroon or reddish with slight tinge of purple; flesh deep scarlet and unusually solid. A characteristic of this tomato is its entire freedom from all irregularities, every specimen being as smooth as an apple. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

ATLANTIC PRIZE. This is the largest, smoothest, best flavored and brightest colored extra early tomato. Vine medium size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

DWARF CHAMPION. Its close upright growth enables it to be planted much nearer together than any of the older sorts, and the yield, therefore, is likely to be much greater; in productiveness it is unsurpassed. It is also very early. The fruit resembles the Acme, and is of a purplish-pink color, and always smooth and symmetrical in form. It is medium size and attractive in appearance; the skin is tough, and the flesh solid and of fine quality. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

TROPHY. An improved sort for either private use or market garden. By judicious, careful selection, the green corona or crown has nearly disappeared. It is large, smooth, solid, fine in color, prolific. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

PERFECTION. It is shaped like the Acme, somewhat larger, the same flavor, fully as early, perfectly smooth, blood red in color, with more flesh and fewer seeds. A heavy cropper, and produces more and larger fruit at the close of the season. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

EXTRA EARLY RED. An old favorite for early fruiting though not large. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.



Standard Tomato.

Our prices for seeds by pound include postage except where noted.

AROMATIC, MEDICINAL AND POT HERBS.

ANISE. This herb is an annual, and is cultivated for its seeds and its leaves, which are occasionally used as a garnish and for seasoning. The seeds have a fragrant, agreeable scent, and a sweetish, pleasant taste. Pkt. 5c., oz. 10c.

BALM. A hardy perennial, and has an aromatic taste, and a grateful fragrant smell, a little like lemons. It is used in making balm tea, a grateful drink in fevers, and for forming a pleasant beverage called Balm Wine. Pkt. 5c., oz. 25c.

BORAGE. In Germany the leaves are cut and used for cucumber salad; the flowers make a beautiful garnish. Pkt. 5c., oz. 15c.

CARAWAY. Its roots are sometimes used for cooking, and it is said to equal the parsnip. The seeds are used medicinally. Biennial. Pkt. 5c., oz. 10c. Seed for flavoring, oz. 5c., $\frac{1}{4}$ lb. 15c.

CORIANDER. Its tender leaves are sometimes used for soups and salads. Its seeds have a pleasant, aromatic taste, and are carminative and stomachic. Annual. Pkt. 5c., oz. 10c.

CHERVIL. A native of south Europe. It is used for soups and salads. An annual. Pkt. 5c., oz. 15c.

CATNIP OR CATMINT. A great favorite medicinal herb. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

DILL. Is a native of southern Europe. It is cultivated for its seeds which are used medicinally in cases of flatulence and colic in infants. Leaves are often used for culinary purposes. Annual. Pkt. 5c., oz. 10c.

DANDELION. The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching or salad. The roots, when dried and roasted, are often employed as a substitute for coffee.

LARGE LEAVED. Double the size of the common. Pkt. 5c., oz. 50c.

HYSSOP. A hardy perennial with an aromatic flower, and warm, pungent taste. It is a stimulant and expectorant, and is used in asthma and chronic catarrh. Pkt. 5c., oz. 20c.

HOREHOUND. A native of Europe. It has a strong, aromatic smell and is used as a tonic. It is also used in cases of pulmonary complaints. Perennial. Pkt. 5c., oz. 20c.

LAVERNER. It is cultivated for its fragrant flowers, which are used for distilling Lavender Water. Leaves and flowers are aromatic. Gather the flowers before they begin to fade. Perennial. Pkt. 5c., oz. 15c.

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Savory.



Sweet Majoram.



Sage.



Sweet Thyme.



Sweet Basil.



Descriptive List

OF

Flower Seeds

Annuals,
Biennials and
Perennials.

The term "Annual" is given to those plants which grow, flower, seed and die within the same year.

"Biennials" are those plants that do not generally flower until the second season, and after blooming, die.

"Perennials" are those that do not generally flower until the second year, but continue to bloom for years and may be propagated by a division of the roots.

To have a beautiful flower garden, one must take pleasure in working and earing for the plants when young. It has ceased to be a necessity to keep such large stocks of bedding and other tender plants under glass through the winter, thereby saving the expense of glass, fuel, labor, etc. We are enabled to send out the highest results of carefully selected seed, in neat paper packets, from which the amateur will derive his plants by means so simple as to be within the reach of every one.

Nothing is more beautiful than the old time and natural flowers. Do not cast aside the single Petunias, Hollyhocks, Fox-gloves, Forget-Me-Nots, and the old-time Phlox and Sweet William, for nothing is handsomer than the old fashioned flowers. Were we to assist nature more, rather than try to create monstrosities, our gardens would look by far more beautiful and natural.

The general rules for sowing Flower seeds as well as any other seeds, is to sow them at the proper depth; and the depth at which they are sown should in every instance be governed by the size of the seed itself. As the sprouts of small seeds are naturally small, if sown as deep as large seeds they will be either unusually long in starting, or more likely perish in the ground after sprouting, for want of sufficient strength in the young sprouts to force a passage through the soil. Very small seeds, such as Portulaca, Campanula, Digitalis, etc., should be merely sprinkled on the surface of the ground after making it quite smooth with the back of a spade, and barely covered with finely sifted, light mellow soil, and afterward protected from the scorching sun and heavy rains by a cloth, mat, or some green branches stuck around it.

Another object to be considered, is the soil into which the Flower Seeds are to be sown. The soil best adapted for flowering plants generally, is a light friable loam, containing a sufficient amount of sand to render it porous. A great many varieties will live in almost any kind of soil, except it be extremely dry, calcareous, or of a stiff heavy character; still to give them a fair chance for development, some little pains should be taken in adding to the soil as much as possible, what may be wanting in it. Deep digging and enriching with thoroughly decayed manure is the least that should be done. If the weather after sowing should be dry, it will be necessary to water the places where the seeds are sown with a fine rose watering pot, regularly but slightly every evening, as it is essential that the seeds, during their process of germination, should be kept constantly moist. From a neglect or oversight of this arise most of the failures. As the process of germination is shorter or longer in the different kinds of seeds, patience of the cultivator is often sorely tried with seeds of a slowly germinating character. The patience of a devoted florist, however, never exhausts in these manipulations, and the certainty of his final success repays him fully for the little trouble.

**DIRECTIONS FOR PLANTING AND CULTURE PRINTED
ON EACH PACKAGE OF FLOWER SEEDS.**



Adonis.

All Flower Seeds Sent Prepaid

You may select Seeds in Packets Amounting to **\$1.25 FOR EVERY \$1 SENT US** for Flower Seeds Ordered in Packets and Ounces.

This offer does not apply when other premiums are taken.

Adonis. Plants with fine and graceful foliage, and brilliant scarlet flowers, remaining a long time in bloom. Grows well in the shade, or under trees. Height 1 foot. Hardy annual. *Adonis aestivalis*, packet 5c.

Abronia. A handsome trailing plant, with clusters of sweet-scented flowers resembling Verbenas in shape, but of smaller size; color, rosy lilac, with white eye. Fine for baskets and vases, as well as the garden. Remove the husk from the seed before sowing, then its growth is much surer. Height 6 inches. Half hardy annual. *Abronia umbellata*, packet 5c.

Acroclinium, Everlasting.

The *Acroclinium* is one of the most beautiful of everlasting flowers. It is of strong growth, and bears a great number of pink and white Daisy-like flowers with yellow center. Should be gathered the first day they open, before fully open, to secure a beautiful center when dried. Height 18 inches. Half hardy annual.

Acroclinium, mixed colors, pkt. 5c.
Acroclinium, white, packet 5c.

Ageratum. Flowers light blue or lavender, very desirable for bouquets, furnishing a continuous bloom through the summer. Plants flower well in the house in winter, when potted in the fall before frost. Height 12 inches. Hardy annual. *Ageratum Mexicanum*, packet 5c.



Ageratum.

Abutilon, or Flowering Maple. Desirable plants for the conservatory in winter and effective border plants during summer, producing a profusion of lovely bell-shaped flowers. Half hardy shrubs. Height 2 to 6 feet. Perennial. Packet 15c.

Alonsoa. An attractive bedding plant, with remarkably brilliant scarlet flowers, in bloom from July till frost. Removed to the house they bloom well during winter. Height 18 inches. Half hardy annual. *Alonsoa myrtifolia*, packet 5c.

Aquilegia (Columbine). The old single varieties of Columbine have been known and admired for centuries, under the name of Honeysuckles. The new double sorts are very beautiful, and embrace a great variety of colors and forms. Height from 1 to 3 feet. Hardy perennial. *Aquilegia*, mixed colors, packet 10c.

Adlumia, or Allegheny Vine.

A most beautiful and graceful climber, thriving in a sheltered situation, and climbing by its tendrils to any object within its reach. Is sometimes known as Mountain Fringe, Wood Fringe, and Allegheny Vine. The beautiful pink flowers are produced in abundance during the three summer months. It is biennial, and makes but little growth first season. Height 15 ft. *Adlumia cirrhosa*, packet 10c.



Abutilon.

Aquilegia (True Rocky Mountain Columbine). Colorado's emblematic flower. Needs to be seen to be appreciated. The flower petals lay open more flat than the common Columbine. Color is a light blue, in very high altitudes, nearly white. We are headquarters for this seed and furnish the true *Aquilegia Coerulea*. Packet 10c.

Can Supply Roots at 20 cents each,
Or Three for 50 cents, by Mail.

Alyssum, Sweet. A favorite flower for bouquets; white, very fragrant, and producing a succession of bloom through the summer and until after severe frosts. Always wanted when a bouquet is made. Height 1 ft. Hardy annual. *Alyssum maritimum*, packet 5c., oz. 25c.

Alyssum Dwarf or Little Gem, pkt. 5c., oz. 35c.



Sweet Alyssum.

Before closing your order, look over our list of Summer Flowering Bulbs. You surely will include some

Gladiolus, Dahlias, Tuberoses,
etc., etc.

When you want Hyacinth, Tulip and Narcissus Bulbs write to us in the Fall.



Aquilegias (Mixed).

ASTER PLANTS—In May and June we can supply choice seedling plants from named colors.

—ASK FOR PRICES.—

ASTERS.

No family of plants bear such distinct marks of progress as the Aster, and none are more eagerly sought. An almost endless variety, always reliable.

For best results sow seed early indoors, then transplant to open ground. Our seed is German grown and can be depended upon for fine blooms. Price List Plants on application.

Comet or Branching. A handsome and very distinct variety, resembling Japanese Chrysanthemums. Half dwarf.

White Giant, the finest white grown, packet 10c.

Mixed, including many colors, packet 10c, ¼ oz. 60c.

Daybreak. A beautiful delicate pink of branching habit. Packet 10c.

German Quilled. This is the popular Japanese Needle. Grows eighteen to twenty inches high, with thirty to forty flowers on long stems. Our mixture includes white, rose, carmine, blue, etc. Packet 10c., oz. 50c.

Good Mixed. Of tall varieties, many kinds, packet 5c., ¼ oz. 40

Mignon. Similar to the Victoria, though the flowers are smaller and the plant more dwarf. Mixed, packet 10c.



Truffaut's Pæony Flowered.

Truffaut's Pæony Flowered. An old standard. The colors are bright and delicate and deserve a place in every garden. Medium tall.

White, pure, packet 10c.

Blue, azure, packet 10c.

Purple, indigo, packet 10c.

Lavender, packet 10c.

All colors, mixed, packet 10c, ¼ oz. 50c.

Victoria. Of the tall varieties, none excel the Victoria. The flowers are large and double, of globular shape, ranging in all colors possible. Mixed, packet 10c., ¼ oz. 50c.

Larger quantities of any of the above Asters priced on application.

AMMOBIUM (Everlasting). A small white immortelle, or everlasting, very useful for cutting when fresh, and drying admirably for winter bouquets; producing a succession of bloom from July till frost. Height 18 to 24 inches. Hardy annual.

Ammobium alatum, packet 5c.



Ammobium.

AMPELOPSIS.

One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets it throws out all along the stems. In the autumn the dark green foliage assumes beautiful tints of orange, crimson, etc. Height 50 to 100 feet. Hardy perennial.

Ampelopsis quinquefolia (American Woodbine), pkt. 10c.

Ampelopsis veitchii (Japan or Boston Ivy), packet 10c.

ASPERULA.

A flower finely adapted for bouquets, by reason of its shape, size and delicate color—a light blue or lavender. For buttonhole bouquets nothing will be oftener in request than this, contrasting finely with scarlet, and remaining fresh a long time. In bloom from July until after severe frosts. Height 9 inches. Hardy annual.

Asperula azurea setosa, packet 5c.

BRACHYCOMB (Swanriver Daisy).

A delicate dwarf growing plant, suitable for growing in masses, edgings and rustic baskets. The flowers are of various shades of blue and white, with dark and white centers, cineraria-like in form, rather bell shaped. After blooming the petals of the flowers roll up closely.

Brachycomb, mixed colors, packet 5c.

ANTIRRHINUM (Snapdragon).

One of the most desirable flowers in the catalogue for its variety of color and succession of bloom, lasting from July until severe frost. The plants should be covered with fine boughs or other light material, in November, and they usually survive, and bloom finely the second year. Height 1 foot. Perennial.

Antirrhinum dwarf, mixed colors, packet 5c.

Antirrhinum tall, mixed colors, packet 5c.

Antirrhinum Queen of the North, white, pkt 5c.



Antirrhinum.



Amaranthus.

AMARANTHUS. Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Height 2 to 3 feet. Hardy annual.

Amaranthus tri-color (Joseph's Coat), packet 5c.

Amaranthus caudatus (Love Lies Bleeding), packet 5c.

Amaranthus cruentus (Princess Feather), packet 5c.

ARMERIA (Sea Pink).

These handsome plants are well adapted for ornamenting rock work and edging walks. Hardy perennial. Height 6 inches.

Armeria maritima, rosy pink, packet 5c.

BALSAM.



The Balsam has been so much improved by cultivation as to be scarcely recognized. The blossoms are double, though semi-double and single ones are very certain to appear, and such plants should be removed. Require a rich, deep soil, good culture and plenty of space, to grow to perfection. Height 2 feet. Tender annual.

Double, mixed, packet 5c., oz. 35c.

Double, camelia, mixed, packet 10c., oz. 60c.

Double, white Alba Perfecta, packet 10c., oz. \$1.

BACHELOR'S BUTTON.

Flowering freely with a great variety of color, in common garden soil. Height 2 feet. Packet 5c.

A showy annual, of easy culture. Flow-



Bachelors Button.

BEGONIA (Tuberous Rooted).

The newer forms of Begonias are among the most brilliantly beautiful of flowering plants. They can be grown from seed which should be sown in February or March in pots on a surface of fine soil. Cover the pot with glass and keep in a warm but shaded place, taking great care not to wash out the small seeds or young plants in watering. The plants will give an abundance of bloom the first year, and at the end of the season they may be dried off by withholding water, the tubers kept in a dry place, free from frost, and planted the following spring, when they will bloom more freely than ever.

Single, mixed, packet 25c.

Double, mixed, packet 25c.

Bulbs, see Bulb List.

BOX WOOD.

A fine small evergreen, with pale green leaves. Can be trained in desired form by shearing, largely used for bordering flower beds. Hardy perennial. *Buxus sempervirens* (Evergreen), packet 5c.

CENTAUREA (Dusty Miller.)

Magnificent foliage plants of sil-

ver white and gray foliage, indispensable for borders and edges. Half hardy perennial. Height 1 foot.

Centaurea Candidissima, mixed, pkt 10c.

Centaurea Gymnocarpia, packet, 5c.

CENTAUREA

(*Maguerite*.) A sweet scented Centaurea, about as large as a medium sized Carnation. It is a sport from Centaurea Odorata, and the plants are about 18 inches high. The flowers are beautifully laciniated and produced on long stems; their lasting quality after being cut is remarkable. The beauty of this easily cultivated annual is certain to excite admiration.

Mixed Colors, packet 10c.

White, packet 10c.

Imperialis, mixed, packet 10c.

CALCEOLARIA.

A favorite and universally admired genus, remarkable for their large beautifully spotted blossoms produced in almost countless variations of marking. They are grown in pots in the conservatory, greenhouse and garden. Herbaceous and also shrubby evergreen perennials.

Hybrida Grandiflora, flowers of immense size; seed saved from finest specimens, packet 25c.

CYCLAMEN.

Well known and universally admired tuberous rooted plants producing exceedingly handsome, red and white flowers. Tender perennial, one foot high.

Peraleum, mixed, of great beauty and many colors, packet 15c.

Giganteum, mixed, characterized by beautiful foliage and profuse bloom; each flower is from two to two and a half inches long. Very choice, packet 20c.



Centaurea.

Don't fail to order your fall
BULBS from us, we carry a
fine assortment of them.



Cobaea.

COBAEA.

A splendid climbing plant, with large, purple, bell-shaped flowers, and elegant tendrils, when well established grows very rapidly, with numerous branches. Height 15 to 20 feet. Tender perennial.

Cobaea Scandens, packet 10c.

COREOPSIS LANCEOLATA.

Flowers large, single, golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting from better than any other plant; at the same time it is always graceful. It can be grown freely from seed, and does well when treated as an annual. Packet 10c.

CLEOME, or Spider Plant.

Better known in the west as "Rocky Mountain Bee Plant." It is the emblem flower of the Colorado State Bee Keepers' Association. Has a very attractive flower in shades of pink and crimson on tall branching plants. A splendid honey plant. Packet 5c., oz. 20c.



Canary-Bird Flower.

CANARY - BIRD FLOWER.

One of the best climbing plants, with graceful foliage of a delicate shade of green, with small yellow flowers, which, when half expanded, have a fanciful resemblance in shape of canary birds. Height 8 feet. Half hardy annual.

Tropaeolum Canariense, packet 10c.

CAMPANULA (Bell Flower)

Campanulas embrace a great

many beautiful and popular perennials, like the Canterbury Bell, and also a number of annuals of great value for forming masses, as they are neat in habit, hardy and free bloomers. Height 1 foot. Hardy annual.

Campanula, mixed packet, 5c.

CATCHFLY (Silene).

A showy, free flowering plant, with bright, dense heads of flowers, growing well in common garden soil. Adapted for border, circular beds, and ribbons. Height 18 inches. Hardy annual

Silene armeria, packet 5c.



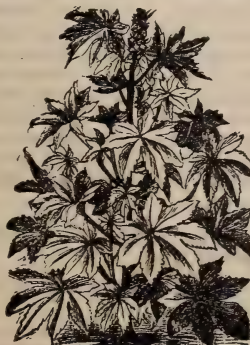
Candytuft.

CASTOR BEANS (Ricinus.)

plant of tropical appearance, that should have a place in every garden affording the requisite space. The stalks of the plant of this variety are of a brownish red; the leaves are very large, palmate, and strikingly elegant. Height 6 to 10 feet. Tender annual.

Ricinus Sanguineus, large red, packet 5c., oz. 15c.

Ricinus Zanzibariensis, New Zanzibar, a giant, a large leaved variety, packet 5c., oz. 20c.



Castor Bean.

CANDYTUFT.

All the colors of Candytuft are desirable for bouquets, especially the white, for its form and fragrance and profusion of bloom. Height 1 foot. Hardy annual.

Mixed Colors, packet 5c., oz. 15c.

White Rocket, packet 5c., oz. 20c.

Dwarf, Tom Thumb, packet 5c., oz. 20c.

A luxuriant expansive foliage



Campanula.

CALENDULA.

This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest Aster. Each petal of pale straw color is regularly marked with a stripe of bright deep orange. Blooms profusely with a succession of flowers from July till frost. It comes true from seed, and is one of the best annuals for a garden display that has been introduced for many years. Height 18 inches.

Calendula Officinalis, packet 5c.

This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest Aster. Each petal of pale straw color is regularly marked with a stripe of bright deep orange. Blooms profusely with a succession of flowers from July till frost. It comes true from seed, and is one of the best annuals for a garden display that has been introduced for many years. Height 18 inches.



Calendula.

CALLA.

An old and very desirable plant, either as an aquatic or for ornamentation of the drawing room and conservatory. Thrives in any light rich soil when plentifully watered. Height 1 to 2 feet. Half hardy perennial.

Calla Aethiopica, pkt 10.

For Bulbs, see Bulb List in back part of this catalogue.



Calla.

CACALIA (Tassel Flower).

A pretty annual, with flowers of bright scarlet and orange, borne in clusters on slender stalks, about a foot in length. They keep in bloom from early summer until autumn, furnishing flowers for cutting every day. Height 1 foot.

Cacalia Coccinea, pk 5c.

CANNA. Stately plants, with foliage of elegant growth, presenting a luxuriant and tropical appearance, are much employed in ornamental planting; when planted in clumps of four or five contrasting colors are very effective. Height 3 feet. Tender annual.

Canna, mixed colors, packet 5c.

Canna, Madame Crozy varieties, packet 5c.

For Bulbs, see Bulb List in back part of this catalogue.



Cacalia.

Mixed Climbers.

In this we have included all the popular quick-growing climbing annuals, such as

IPOMEAS,

NASTURTIUMS,

SWEET PEAS,

JAPANESE HOPS,

CYPRESS VINES, ETC.

Just the thing for covering old fences, arbors, etc. Pkt. 10c., 1/4 oz. 25c.



Canna.

CARNATIONS.



CARNATION. This beautiful and well known flower produces a finer bloom when grown from seed than when grown from cuttings taken from old plants. This seed will produce a fine variety of colors, with flowers of good size and substance. Height 18 inches. Half hardy perennial.

German, mixed colors, pkt. 10c
Marguerite, blooms in four months from time of planting. packet 10c.

CARNATION PLANTS.

Seedlings and named Varieties Furnished. Ask for Price List of Flowering Plants. Ready in April.

We Furnish the Famous WILMORE DAHLIA BULBS.

See Price List in back part of catalogue.

CLARKIA. The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and the plants will be large enough by spring to make a good bloom. Hardy annual. Height 1 1/2 feet.

Clarkia Pulchella, packet 5c.



Clarkia.

CYPRESS VINE. One of the most beautiful climbers; fine delicate cut foliage, dotted with small, scarlet star-shaped flowers. For covering pillars, trellis work, etc., is not surpassed for grace and beauty. Height 8 feet. Tender annual.

Ipomoea Quamoclit, mixed colors, packet 5c.



Cypress Vine.

A Collection of 150 Varieties of Flower Seeds,

Making blooms from early spring until late fall, easy growing, put up in liberal packages, called

Wild Flower Garden Mixture.

You will be surprised and pleased with this collection. Per large packet 10c., 1/4 oz. 15c., 1/2 oz. 25c.



Cineraria

CINERARIA HYBRIDA. Very attractive and much admired green-house plant. A green-house perennial. Height 1 to 2 feet.
Cineraria hybrida grandiflora, packets 5c.

DAHLIA. This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the autumn, when most other flowers have faded. They are all of easy cultivation, growing freely in most any soil, from seed sown in the spring. Height 4 to 5 feet. Half hardy perennial.

Dahlia, finest double mixed, packet 10c.

Dahlia, finest single mixed, packet 10c.



Dahlia.

For Dahlia Bulbs see back part this Catalogue



Convolvulus Minor.

Coxcomb.

A highly ornamental plant, producing crested heads of flowers, somewhat resembling a cock's comb. There are many colors and shapes, but the scarlet and crimson ones are the most brilliant and rich. The oftener they are transplanted or shifted, the more beautiful they grow.

Height 1 to 3 feet.
Mixed colors, pkt 10c.
Feathered, pkt 10c.



Coxcomb.

Convolvulus Minor. Dwarf Morning Glory.

The Pansy in richness of color, finely shaded with yellow and white. Height 10 inches. Half hardy annual. Packet 5 cents.

Clematis.

Well known and universally admired climbers, some of the varieties being remarkable for the beauty and fragrance of their blossoms. Nice for covering arbors, verandas, etc., as they cling readily to almost any object. Most of the kinds are hardy, herbaceous perennials, but some little protection in northern latitudes through winter is advised. Will do well in any garden soil. Height 15 feet.

Clematis, a fine mixture of varieties, packet 10c.

A trailing procumbent plant with flowers of rich shades of blue in some specimens rivaling the Pansy in bloom from July till after severe frosts.

Coleus.

Probably there is no other kind of foliage plant so well known and universally admired as the Coleus. It is one of the most beautiful of our variegated perennial foliage plants for the green house or garden decoration, ribbon-beds, etc., of rapid growth and easy culture. Tender perennial. Height 1 to 2 feet.

New hybrids, mixed, packet 20 cents.



Clematis.

Our packets are all well filled.



Calliopsis.

Tell your neighbors about our seeds.



Hybrid Coleus.

Calliopsis.

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as fast as they appear, the plant will remain in bloom much longer. Height 2 feet. Hardy annual.

Mixed colors, packet 5 cents.



Cosmos.

Cosmos.

Are unquestionably very handsome flowers, and it is astonishing how quickly they have become general favorites. Only a few years ago they were practically unknown. There is but one objection to their giving general satisfaction, and that is their late flowering habit. The plants require a very long time to develop, and that brings their flowering season late in the fall. This objection will not be found in our "early flowering" strain. Seed sown in the open ground in the beginning of May will produce blooming plants in August, and they will continue to flower late in the fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unequalled. White, packet 5c. Pink, packet 5c. New Dwarf Early Flowering, mixed, packet 5c.

Early Flowering Dawn, Yellow. See Novelties.

California Poppy (Eschscholtzia).

A flower in foliage, bud and blossom. One of the most brilliant flowers grown. Plants procumbent, forming dense, bushy masses with a succession of flowers from July until after severe frosts. When grown with Dwarf Convolvulus, contrasts finely with the dark blue. Height 1 foot. Half hardy perennial.

Eschscholtzia Californica, packet 5c.

Eschscholtzia Douglasii, New Pink. See Novelties.

Eschscholtzia Golden West, Large Yellow. See Novelties.



California Poppy.



Annual, single.

CHRYSANTHEMUMS

Perennial.

For late autumn blooming in the house, after the frost has destroyed all the bright colors in the garden, there is no flower to take the place of this. Colors golden yellow, white, tinted with yellow and brown, etc. Finely shaped, double flowers produced in profusion, nearly covering the plants. Height 18 inches.

Double, mixed colors, packet 10c.

Plants of Perennial Chrysanthemums can be furnished in all colors. Ask for prices.

Early Annual.

The glorious and showy autumn-blooming Chrysanthemums, which are now so much admired and cultivated, have their relatives among the summer annuals which are easily raised from seed. The plants

can be raised by sowing the seed early in the house or frame and planting them out when the weather is favorable, or the seeds can be sown in an open seed-bed, or where the plants are to stand, provided the plants are thinned out to eight or twelve inches apart. A little shade, or shade in the after part of the day, is desirable for them—a border on the east or northeast side of the house would be desirable. Pinch them back until July 15th to make them grow branching and full. Mixed, packet 5c.



Perennial.

Chrysanthemum Maximum (Large or Oxeyed Daisy).

A free-blooming, hardy perennial, two feet high, literally covered with pure white flowers, which are well adapted for cutting, lasting over a week in water. Packet 10c.

Delphinium, or Perennial Larkspur.

A very attractive hardy plant for corners of yard, also center of flower beds. We furnish seed of assorted colors. Pkt 10c.

Daisy.

Charming little plants for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Not all will come double from the seed, and the single ones should be pulled out. Height 6 inches. Tender perennial.

Bellis-perennis, doubled mixed, packet 10c.

Bellis-perennis, Longfellow, pink. Packet 10c.

Bellis-perennis, Snowball, white. Packet 10c.

Shasta Daisy. See Novelties.

Foxglove.

Showy and useful plant for the border; flowers borne in tall spikes, bell or thimble shaped, of all colors; new plants may be obtained by dividing the roots. Height 2 feet. Hardy biennial.

Digitalis, mixed colors. packet 5c.



Double Daisy.

Feverfew.

A free-flowering, half hardy perennial plant growing 18 inches in height. Seed sown early in spring in the open ground will produce flowers by fall. The plant throws up numerous stems, terminating in clusters of very double, pure white flowers three-quarters of an inch in diameter. These are desirable for cut flowers. Plants bloom freely when grown in pots in a cool room, Pkt 10c.



Chrysanthemum Maximum.

Four O'clock (Marvel of Peru).

A handsome plant, making an attractive display of its many colored flowers from the middle of July till frost. The blossoms are marbled and spotted in the most diversified manner, the same plant producing different colors; some branches will grow flowers of a single color only, while others will have striped or parti-colored. The leading colors are red, white and yellow, with stripes and variegations of all three. Height 2 feet. Hardy annual.

Mirabilis, mixed, packet 5c., oz. 15c.

Forget-Me-Not.

This beautiful little flower is too well known to require description or recommendation. The delicate, blue flowers appear all summer. Height 6 inches. Hardy perennial.

Myosotis Alpestris, packet 10c.



Forget-Me-Not.

Everlasting Flowers Mixed.

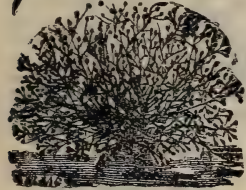
This consists of all the popular Everlastings. Packet 10 cents.



Four O'clock.



Fuchsia.



Gypsophila.

FUCHSIA. The varieties of Fuchsias are now numbered by hundreds, and some are exceedingly beautiful. They are easily grown from seed as cuttings, and from seed many improved varieties are obtained. Height 1 to 3 feet.

Double and Single mixed, packet 25c.

GAILLARDIA. A showy annual, with brownish-red flowers, bordered with yellow and white, blooming strongly through the season, and until after heavy frosts. Height 18 inches. Mixed colors, packet, 5c.

GERANIUM. Probably the geranium is better known and more universally admired than any other plant grown. The constant succession and durability of bloom till frost comes, the brilliancy of the scarlet and other colors, and the exquisite markings of the leaves of some varieties, render them very desirable for pot culture or bedding. No garden seems complete without a bed of them, and in every collection of conservatory or parlor plants we are sure to find the geranium. Propagation by seed is the only way to obtain new varieties. Height 1 to 2 feet. Half hardy perennial.

Single and Double Zonale, mixed, packet 15c.

GYPSOPHILA (Angel's Breath).

Small, fragrant flowers, borne on long feathery stems. No flower adds more of light and grace to a bouquet than this, and when once grown will be found indispensable. In bloom through the summer from the first of July till frost. Although not belonging to the immortal class, the flowers dry finely and are very desirable for winter bouquets. Height 1 foot.

Gypsophila Elegans, Delicate pink, packet 5c.

Gypsophila Paniculata (Baby's Breath), pure white perennial, everlasting, packet 5c.

GLOXINIA.

Greenhouse perennial plants, producing rich and beautifully colored flowers. They deserve extensive cultivation..

Hybrida, mixed, packet 25c.



Gaillardia.

Perhaps your plants in pots need some special fertilizer.

Try WALKER'S PLANT FOOD.

See Fertilizers in back of this Catalogue.

GOURDS. A great variety of curiously formed and marked fruit; the vines are of rapid growth and with luxuriant foliage; adapted for covering screens, arbors, etc. Height 10 to 20 feet. Tender annual.

All kinds, mixed, ornamental, pkt. 5c., ¼ oz. 15c., oz. 25c.

Dish Cloth, or Luffa, a rapid climber having long, green fruit, the inside of which is a fibrous mass, which, when the shell and seeds are removed, makes an elegant substitute for a bath sponge, pkt 5c., oz. 30c.

Japanese Nest Egg, white; like an egg; does not crack and is not injured by heat or cold, packet 5c., oz. 25c.

Dipper or Siphon, useful for dippers, packet 5c., oz. 25c.

Sugar Trough, have thick, tough shells; very durable, pkt. 5c., oz. 20.

Hercule's Club, the longest gourd grown, packet 5c., oz. 25c.

GILIA. Color azure blue, and light blue shaded with yellow and white. Their size, shape, and delicate color make them useful for bouquets. In bloom from the first of July till after severe frosts have destroyed most of the other annuals. Height 18 inches. Hardy annual.

Mixed colors, packet 5c.



Godetias.

GODETIA. A beautiful new variety; the plant of neat, dwarf, compact habit with a profusion of rich carmine flowers, produced in a succession of bloom from August till frost. Height 1 foot. Hardy annual.

Lady Albemarle, packet 5c.

GLOBE AMARANTH.

An excellent everlasting or immortal; flowers globe-shape, purple, orange, and variegated. Retain their shape and color when dried; are also good for cutting as fresh flowers. Height 10 inches. Tender annual.

Gomphrena, mixed, packet 5c.

HYACINTH BEAN.

Splendid climber, with abundant clustered spikes of purple and white flowers, which are followed by exceedingly ornamental seed-pods. It is of rapid growth and often runs twenty feet in a season. Height 10 to 20 feet. Tender annual, packet 5c.



Gourds.

FOR SEED PREMIUMS

SEE INSIDE PAGE OF FRONT COVER.



Hollyhock.

HOLLYHOCK.

A great variety of brilliant colors, combining richness and delicacy in a remarkable degree; flowers large and densely double, remaining a long time in bloom. Is one of the best and most ornamental of the perennials. Height 5 feet.

Hollyhock, prize double mixed, packet 10c.

Separate colors, double, white, pink, yellow, maroon, packet 10c.

HELIOTROPE.

A well-known popular green-house plant, fine for bedding, vases or baskets and exquisite for pot culture in winter. Flowers purple, borne in trusses, and exceedingly fragrant. Height 1 foot. Half hardy perennial.

Heliotropium, mixed colors, packet 10c.

HIBISCUS.

A showy hardy annual, cream color with rich brown color. Height 2 feet.

Hibiscus Africanus, packet 5c.

HELICHRYSUM.

One of the best of the immortelles; good shape, size and a variety of desirable colors—yellow, sulphur, cream, white, pink, rose, red and crimson. Retain their natural shape very perfectly when dried. In bloom from July till destroyed by frosts. Height 18 inches. Hardy annual.

Mixed, packet 5c.

IVY.

For a climbing plant in the garden to do duty as a screen for an old well or building, or to adorn either when new, it is a well known and favorite plant. For indoor winter decoration Ivy is unequalled, as it can be trained in any desired form, and will bear any amount of hardship and bad usage. Height 30 to 60 feet. Perennial.

Hedera Helix, packet 10c.



Heliotrope.



Hibiscus.



Helichrysum.

Order a Langs
Hand Weeder with
your flower seeds

ICE PLANT.

Dwarf plant of procumbent or trailing habit, finely adapted for vases, rock work, etc. The surface of the foliage is covered with panicles resembling crystals of ice glistening in the sun, forming a curious and attractive display. Height 6 inches. Tender annual.

Mesembryanthemum crystallinum, packet 5c.

JAPANESE HOP.

A rapid growing, perfectly hardy, annual climber of the hop family, of the easiest culture and indispensable for covering unsightly objects, or verandas, trellises, etc. Sows itself after the first year.

Humulus Japonicus, variegated, packet 10c.



Ice Plant.



Job's Tears.



Japanese Hop.

JOB'S TEARS.

Curious ornamental grass from East India, with broad corn-like leaves, and seeds of a light slate color, wonderfully lustrous. Valuable for the formation of winter bouquets in connection with everlasting flowers, and strings of handsome beads are formed from the seeds. Height 3 feet. Hardy annual.

Coix Lachryma, pkt 5c, 1/4 lb 20c, 1 lb 60c.

LINUM (Scarlet Flax).

Distinguished for their brilliant colored flowers, which are deep crimson with black center saucer shaped, and very conspicuous in bed and border. The foliage of the plant is slender and delicate, and the flowers produce very little seed. Height 1 1/4 feet. Hardy annual.

Linum grandiflorum rubrum, pkt 5c.

HORNED AFRICAN CUCUMBER....

A Vine of Exceedingly Luxuriant Growth. Pkt. 10c. oz. 25c.

SEE NOVELTIES.

LARKSPUR. A fine variety of colors—shades of blue, red and others striped and mottled. The flowers are produced in spikes, which are continually pushing out from the main stem and branches, furnishing an abundance of bloom through the season. When grown in vases makes a fine display. Height 2 feet. Hardy annual. Delphinium, double tall mixed, packet 5c. Delphinium, double dwarf mixed, packet 5c.



Larkspur.

LANTANA. Rapid growing plants; the flowers are borne in Verbena-like heads, embracing every shade of pink, purple, orange and white. Half hardy perennial. Height 3 feet.

French hybrids, mixed, pkt 10c

LOBELIA. An elegant and useful class of plants of dwarf, compact growth, bearing a profusion of delicate flowers, in bloom through the summer and autumn. Make a neat and effective edging for geraniums and ornamental and leaved plants; pretty for baskets and vases and piazza decorations. Height 6 inches. Half hardy annual. Lobelia Blue, Crystal Palace, pkt 10c.



Lantana.

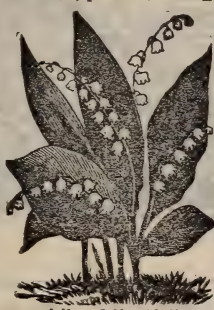


Lobelia.

LILY OF THE VALLEY. The Lily of the Valley is a sweet little plant, thriving in common soil; it will do well in any shady situation where few other plants will thrive; can be multiplied by dividing roots, or by seed. Hardy perennial. Height 1 foot.

Convallaria majalis, packet 10c.

MOON FLOWER. The true Moon-flower is the most vigorous of all the summer climbers; a single plant can easily be made to cover, by August 15th, a trellis 30 to 50 feet high and 6 feet broad, with a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white and wax-like flowers 4 to 6 inches in diameter. Height 30 to 50 feet. Tender annual. Packet 10c.



Lily of the Valley.

MORNING GLORY. This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with the abundant foliage and bright flowers. A great variety of colors and shades. Height 10 feet. Hardy annual.

Tall, mixed colors, pkt. 5c., oz. 15c, ¼ lb. 35c. Dwarf, Convolvulus minor, mixed, packet, 5c. Imperial Japanese Morning Glory. The flowers are of immense size and of strong colors. Soak seed before planting. Packet 5c., oz. 25c.

MIMULUS. These flowers are remarkable for their rich and beautiful markings and spots; well adapted for vases, pots and baskets, and also for open culture in the garden. Height 1 foot. Half hardy perennial.

Moschatos, Musk Plant, packet 10c.

Tigrinus, Monkey Flower, packet 10c.



Morning Glory.

MARIGOLD. A showy plant of compact, symmetrical growth, handsome foliage, and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark rich colors of maroon and brown. Flowers of this variety are about an inch in diameter, full double to center, and cover the plant profusely. Height 1 foot. Half hardy annual.

Double Dwarf, French, packet 5c.

Double Dwarf, African, packet 5c.

MOURNING BRIDE. One of the best flowers for bouquets; plants of dwarf habit, and compact; the flowers borne on long, wiry stems almost black. In bloom from August till after severe frosts. Height 18 inches. Tender perennial.

Scabiosa, dwarf double, mixed, packet 10c.

MIGNONETTE (Reseda.) One of the best known flowers, indispensable for the garden; is suitable to almost any location and soil, furnishing its fragrant blossoms continuously through the summer and until after severe frosts. Height 1 foot. Hardy annual.

Grandiflora, sweet, large flowering, packet 5c., oz. 15c.

Golden Queen, golden yellow, packet 5c., oz. 40c.

Giant White, pyramidal, tall growing, packet 5c., oz. 40c.

Giant Machet, this is the popular strain used by florists. Packet 10c., oz. 75c.

NEMOPHILA. This popular plant is to be found in almost any garden, and has secured a place in the heart of every lover of flowers. Of dwarf, spreading habit, it is well adapted to border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport in an endless variety of shades from black and blue to lighter colors. Height 6 inches. Hardy annual.

Mixed colors, packet 5c.

NICOTIANA AFFINIS. A handsome genus of garden plants of the tobacco family, which are noted for freedom and fragrance of their bloom. Half hardy annual, 3 feet high. Flowers white, salver shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Packet 10c.

Nicotiana Sandrear. See Novelties.



Marigold.



Mourning Bride.



Mignonette, Giant.

NIGELLA (Love-in-a-Mist). A showy annual with fine cut of foliage, and curiously formed double flowers of light blue color. The form and color render it very desirable for bouquets. Height 1 foot. Double, mixed colors, packet 5c.

NASTURTIUMS.

Tall Nasturtium.

This well known annual is one of the best for trellis and arbor decorations; flowers of a great variety of rich colors, striped and spotted with different shades. Is excellent for vases and baskets, also does finely when grown in beds without trellis support; produces an abundance of flowers from the first of July until frost. Height 6 to 10 feet.

Mixed, all colors, packet 5c., $\frac{1}{2}$ oz. 10c. oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c.

Heinemani, silky bronze chocolate, packet 5c., oz. 15c.

Coccineum, bright orange scarlet, packet 5c., oz. 15c.

Schilling, bright yellow, maroon blotches, packet 5c., oz. 15c.

Pearl, cream white, packet 5c., oz. 15c.

Regelianum, brownish violet, packet 5c., oz. 15c.

Madam Gunther's Hybrids, a grand strain of tall growing, containing many colors not found in any other mixture. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Lobbianum Nasturtium.

These constitute without doubt some of the finest of our annual climbers; they are as easily grown as the common Tall Nasturtium, which they far surpass in remarkable brilliancy of their flowers, and also in height of vines and rapidity of growth.

Many colors, mixed, packet 5c., $\frac{1}{2}$ oz. 10c., oz. 15c.



TWO FINE NOVELTIES.

Stokesia Cyanea and Nicotiana Sanderae.

See Novelties.

Dwarf Nasturtium. A bed of Dwarf Nasturtium is very desirable for borders along walk ways, etc. They are in constant bloom. Grow about one foot high.

Mixed Colors, packet 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., 2 oz. 25c.

Brilliant, a handsome scarlet, packet 5c., oz. 15c.

Ruby King, a blue tinted red, packet 5c., oz. 15c.

Pearl, creamy white, packet 5c., oz. 15c.

King Theodore, maroon, packet 5c., oz. 15c.

Lady Bird, orange yellow, red spots, packet 5c., oz. 15c.

New French Nasturtium, "Chameleon."

This new Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of color it surpasses any other strain, and is also unique in bearing flowers of quite distinct coloring on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. This characteristic as well as the wonderful richness of the unusual markings, has been fixed in both the tall and dwarf forms, and we recommend both strains heartily to every grower of even the smallest garden.

We furnish both Tall and Dwarf separately. Pkt. 5c., $\frac{1}{2}$ oz. 15c., 1 oz. 25c.

New Ivy Leaved Climbing Nasturtium.

This is the most distinct and showy variety, differing from all other Nasturtiums in both foliage and flower. The plants are of strong running growth; the leaves are deep rich green, veined with silvery white, closely resembling in form and veining those of the hardy English Ivy. The distinct foliage is shown to the greatest advantage where the leaves are closely clustered at the tips of the growing shoots. The flowers are of the deepest and richest glowing scarlet, comparatively small in size, but of most distinct form, the petals being slender, finely feathered. This new Ivy-leaved Nasturtium is also desirable as a trailing vine for planting in hanging baskets, vases or for winter pot culture in the house. Packet 5c., $\frac{1}{2}$ oz. 15c., oz. 25c.

Six Packets of any above varieties of Nasturtiums for 25c., 12 for 40c. Five 1 oz. Packages, (Except Chameleon and Ivy Leaved) for 50c.



Before closing your order, look over our list of Summer Flowering Bulbs. You surely will include some

... GLADIOLUS, DAHLIAS, TUBEROSES, ETC. ...

When you want Hyacinth, Tulp and Narcissus Bulbs write us for "Fall Bulb Price List."

PETUNIAS.



Petunias.

PETUNIA. One of the best flowers for a splendid display through the entire season. Beautiful new colors, striped and marked in the most diversified manner. The ease of culture, profuse and continuous bloom, adaptation for different styles of growth—indoors and in the garden—render the Petunia one of the most valuable of the annuals and entitled to a generous share of the space in every garden. In bloom from the first of July to October. Tender Perennial.

Double mixed, saved from choice double flowers. Nearly always a few come single, packet 20c

Giants of California, produce immense, large single blossoms, packet 15c.

Striped and Blotched, single, mixed, packet 5c.

If you want Petunia Plants write us. We can usually supply them in assortment of colors.



USEFUL, SIMPLE GARDEN TOOLS.



Every person who cultivates even a few flowers has use for the small tools. A garden trowel is indispensable, and a good substantial trowel is worth many of the cheap frail ones. Our Garden Trowel will last a life time. Price 30c., by mail 35c. The Langs Hand Weeder, is one of the most popular hand tools, being the best of its class. Having a leather strap on the handle you can carry it on two fingers and have the freedom of the hand to pick up weeds, etc. Price only 25c. postpaid.

PYRETHRUM (Insect Powder Plant). Practical entomologists have long been looking for some effective, safe and cheap insecticide, and now tell us they have found it in the Persian Insect Powder. This is the dried and powdered flowers of the Pyrethrum Roseum, and it is certain death to Plant Lice, Flies, Cabbage Worms, and nearly every form of insect life. It is harmless to man, but when diluted with ten times its bulk of flour, kills every Cabbage Worm or other insect it touches. Height 1 foot.

Pyrethrum roseum, packet 10c.

Pyrethrum aurum, this is the beautiful bedding plant with golden leaves, called, "Golden Feather," packet 10c.



Fairy Poppies.

POPPY A well known flower of great profusion.

Single and double mixed, a grand collection of the annual varieties, packet 5c., or. 20c.

FAIRY POPPIES. The flowers are perfectly double, of large size and magnificent form. In colors the grand, large flowers are of pure white, glowing scarlet, light lilac, scarlet with white, and black, rose, and deep maroon.

Double mixed, packet 5c.

THE SHIRLEY POPPIES. They are similar in every way to England and the continent, but the range of color is so varied that scarcely two will be found alike. Packet 5c.

ICELAND POPPY (Perennial). The delicate, fragrant flowers are exceedingly beautiful, and with their long stems are well suited for cutting. The plants are perfectly hardy, easily cultivated, and the lovely white, yellow and orange-red flowers are in bloom from early summer until fall. Hardy perennial, blooming the first year from seed. Pkt 10c..

NEW ORIENTAL HYBRID POPPIES. For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet, and richest maroon purple. Their culture is as simple as that of the common garden Poppies. One of their most valuable qualities is that they are perfectly hardy perennials, living through winters with but little protection and increasing in size and beauty from year to year. Packet 10c.

ORNAMENTAL GRASSES. Ornamental grasses are very useful for cutting when fresh for summer bouquets, and also dry well for working with everlasting flowers for winter bouquets. This assortment includes the most delicate and graceful varieties.

Stipa Pennata or Feather Grass, packet 5c.

Lagurus Ovatus, packet 5c.

Pampas Grass, forms elegant plumes, packet 5c.

All kinds, mixed, packet 10c.

OXALIS. Very attractive and beautiful plants, with richly colored flowers, suitable for rock work and rustic baskets. Half hardy perennial. Height 6 inches.

Mixed, packet 10c.

Sweet Peas.

OUR ASSORTMENT IS STRICTLY
"UP-TO-DATE."

SEE PAGES 56 AND 57 FOR DESCRIPTION
AND PRICES.

PANSIES.

These lovely flowers are favorites with all, not only for the modest brilliancy and variety of their colors but for the durability of their bloom.

Trimardeau, flowered, mixed. An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous, compact growth. The flowers, which possess unusual substance and consistency, are each marked with three large blotches or spots.

White, with dark center, packet 10c.
Black, King of Blacks, packet 10c.

Yellow, a beautiful clear yellow, packet 10c.

Blue, azure blue, packet 10c.

Purple, deep royal purple, packet 10c.

Bronze, a golden bronze, packet 10c.

Mixed, all colors, packet 10c.

One packet of each of above seven for 50c.



Pansies.

Sweet-Scented.

This lovely new class is the result of a hybridization or crossing of the Pansy with the sweet Violet, retaining the delightful Violet Perfume, with Pansy blooms 2 inches in diameter, of good substance and in many colors. They include pure white, yellow, black, maroon, orange and lavender; also striped, blotched, feathered, etc. *Viola Odorata* (Semperflores). Packet 15c.

Cassier's New Giant Odier Pansies.

Extra large flowers of the showy and popular Odier type, being all three-spotted or five-spotted on backgrounds of rich glowing colors in many distinct shades. Packet 15c.

Bugnot's Very Large Stained, Mixed.

An extra large, five-blotched race; plants vigorous, with short stalks bearing well above the foliage, immense flowers of fine form and substance. Extra fine. Packet 15c.

German Imperial Mixture.

While the giant flowered are great favorites, they do not carry all the shades and colors which are found in our German Mixture. This is the florists' popular strain. Mixed, a fine assortment, packet 10c., 3 for 25c., 1/4 oz. 75c.

Good Mixed Pansy.

Consisting of many popular colors of ordinary strains. Packet 5c., oz. 50c.

PASSION FLOWER.

A most interesting and well-known order of climbers, bearing singularly beautiful flowers. They are the pride of South America and West Indies, where the woods are filled with the species, which climb about from tree to tree, bearing flowers of striking beauty. *Passiflora Coerulea*, packet 10c.

PORTULACA (Rose Moss).

There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant-colored portulacas. They are in bloom from about the first of July until killed by frost in autumn. Plant in open ground after it has become warm, in a light soil, and in a dry situation. After the plants appear, withhold water, and if the beds have a full exposure to the sun, the ground will be covered with the plants and the effect beautiful. Tender annual. Height 9 inches.

Single, mixed, packet 5c.
Double Rose, mixed packet 10c.

PICOTEE.

Very much like Carnation, as fine and more delicate in its coloring. Perennial. Height 18 inches. German, mixed, packet 10c.

ROSE, New Dwarf (Rosier Multiflora).

Height 20 inches. This variety comes to us from France. They commence blooming when about three inches high,

like annuals, they germinate, flower and produce seed within a year. Blooming is continuous throughout the summer, but is naturally more abundant the second season. The flowers are single, semi-double and double in almost equal proportions, and present almost all the variations of color found in other roses. A young plant raised from seed sown Jan. 15th expanded its fruit flowers three months later. Packet 15c.



New Dwarf Rose. *Primula sinensis*, mixed, packet 15c.



Primrose.



Portulaca.

PRIMROSE (Chinese.)

These are, perhaps, the most desirable of all house blooming plants. They are in almost constant bloom all winter, and if the plants be transferred to the border they will bloom nearly all summer. Though perennial, new plants flower more freely, and seed should be sown every year. Give them a long time for growth before flowering, and do not force the young plants, but simply protect them from frost, and damp, cutting winds. Height 9 inches.

Primula sinensis, mixed, packet 15c.

Primula obconica, packet 10c.

CONSULT OUR LIST OF NOVELTIES BEFORE CLOSING YOUR ORDER.

PINKS.

Splendid, large flowers of the richest and most brilliant colors and markings; constantly in bloom from July till after severe frosts, the first and also the second year. No flower excels this genus for a brilliant show of colors through the summer. Height 1 foot.

Dianthus Chinensis, (double China) mixed, packet 5c., ¼ oz. 15c., oz. 50c.

Dianthus Lacinjatus, (double fringed) mixed, packet 5c., ¼ oz. 25c., oz. 90.

Dianthus Imperialis, (double Imperial) mixed, pkt. 5c., oz. 50c.

Dianthus Heddeiwigii, (double Heddeiwigii) mixed, pkt. 5c., oz. \$1.

Dianthus Heddeiwigii, single, mixed, packet 5c.

Dianthus Albus flore pleno, (double white) packet 5c.

Picotee. A very satisfactory hardy pink. Packet 10c.

PHLOX.

No flower excels this in all the qualities that make a popular annual. Brilliant and varied colors, continuous and profuse bloom, being one of the last to succumb to the frosts of late October, it is excellent for bouquets, all combine to place it in the list of the best half dozen flowers for garden decoration. Height 18 inches.

Phlox Drummondii, mixed, packed 5c., oz. 60c.

Phlox Drummondii, grandiflora, large flowering, mixed, pkt. 10c., oz. 80c.

Phlox Alba, white, packet 10c., oz. \$1.

Perennial Phlox, packet 10c.

Phlox, Star of Quedlinburg, packet 10c.



Dianthus, or Hardy Garden Pinks.



Phlox.

SALPIGLOSSIS. A beautiful annual that deserves to be more widely known: when once grown in the garden will be one of the first to be chosen for the next year. Flowers of the richest colors, blue, crimson, yellow, purple, scarlet, etc., with texture like rich velvet, each petal beautifully pencilled. Splendid for bouquets. Height 2 feet.

Salpiglossis, mixed colors, packet 5c.

SCHIZANTHUS. This annual should be more widely cultivated. Flowers different shades of blue, curiously cut and delicately spotted; laced with crimson, white, yellow, etc. Adapted for garden and indoor culture. Excellent for bouquets. Height 18 inches.

Mixed colors, packet 5c.



Salpiglossis.

SWEET SULTAN. A handsome annual with fragrant flowers, borne on long slender stems. Their fragrance and habit of growth adapt them finely for bouquets. In bloom from July till October. Height 2 feet.

Centaurea Moschata, mixed, packet 5c.

SENSITIVE PLANT. A curious plant, manifesting sensation to the touch of any object that jars or stirs the leaves or branches—the stalks immediately drooping or folding together, as if possessed of life and an over-supply of nerves, affording a source of amusement for the little and large folks. Height 1 foot. Tender annual.

Mimosa Pudica, packet 5c.

SWEET WILLIAM. The improved varieties of this popular flower are very beautiful, and should find a place in every garden. A great variety of rich colors, eyed and variegated with other shades, forming large trusses of bloom, remaining a long time in perfection. A bed of Sweet William is very attractive the last of June and first of July, at a time when but few other flowers are in bloom. Hardy perennial. Height 18 inches.

Dianthus Barbatius, single, mixed, packet 5c.

double, mixed, packet 10c.



Sweet William.

When you wish Everlasting Flowers, order *Acroclinium*, *Ammobium*, *Globe Amaranth*, *Helichrysum*, *Xeranthemum* and *Gypsophila paniculata*.

We furnish all above mixed, packet 10c.

A most beautiful display of rich blooms may be produced in Early Spring, in the open ground by planting an assortment of the hardy Dutch Bulbs, such as Hyacinths, Narcissus, Tulips, Crocus, Etc. They are very sure to bloom and of very simple culture. Try a few this coming fall—they must be planted in fall. Ask us to place your name on list for Fall Price list of Bulbs.

SWEET PEAS.

We are headquarters for strictly high grade Sweet Peas seed. Our growers give special attention to selecting and cleaning. We have trade from all parts of the United States for our "selected strains," which are furnished at prices within the reach of all and as low as the ordinary stocks are priced by many.

PRICES. 5c. per packet. 6 packets for 25c. 12 packets for 40c. 10c. per ounce. 3 one-ounce packages for 25c. $\frac{1}{4}$ lb. 20c. 1 lb. 60c. Postpaid except where otherwise priced. If pounds are wanted by express, deduct 10c. per lb.



Sweet Peas.

WHITE.

Emily Henderson. A persistent bloomer.

Blanche Burpee. A splendid pure white variety.

Sadie Burpee. An improvement on either above whites, being very large with a hooded form.

PINK.

Lady Penzance. An attractive orange pink with a medium hooded blossom.

Lady Marie Currie. Fine orange pink, of intense color, splendid for cutting.

Katherine Tracy. A soft but brilliant pink.

Lovely. A delicate shell tinged with yellow; often four flowers on a stem.

Apple Blossom. Bright rose and pink.

Prima Donna. A lovely shade of soft pink, very vigorous, usually four blossoms to a stem.

Modesty. White with a tint of pink on the edges.

PINK AND WHITE.

Early Blanche Ferry. This is the standard among florists, as it has no rival for forcing. Our strain is the "earliest of all" and is very early.

Painted Lady. The old favorite of pink and white.

ROSE.

Her Majesty. Large hooded flowers, with usually 4 to a stem.

SCARLET.

Salopian. Very bright scarlet with large flower.

Cardinal. Intense crimson scarlet.

Mars. A large and well-formed scarlet.

America. Is a common scarlet, striped on white. Large open flowers.

YELLOW.

Mrs. Eckford. Beautifully shaded. Very vigorous grower.

VARIEGATED.

Gray Friar. Watered purple on white ground.

Dorothy Tennant. Rosy purple, large size.

Juanita. Standard mauve, wings lavender, both striped.

MAROON.

Black Knight. Very deep maroon, an improvement on Boreatton.

Monarch. Deep bronzy maroon and dark blue.

LAVENDER.

New Countess. Delicate lavender, the finest in this color.

Lady Grisel Hamilton. Very large, with long stems.

BLUE.

Captain of the Blues. Bright purple blue.

Countess of Cadogan. Flowers open a purple but soon change to a lilac to a blue.

Navy Blue. The large flowers are of a rich violet purple with the effects of a dark navy blue.

MIXED.

Eckford's Hybrids. Mixed. Nothing better in mixture of varieties and should not be compared with ordinary mixtures on the market. We mix in all our named varieties. Oz. 10c., 2 oz. pkt 15c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c., 3 lbs. prepaid for \$1.50.

Large Flowered. All good varieties, though not all choice. Oz. 10c., $\frac{1}{4}$ lb. 15c., 1 lb. 40c., 5 lbs., not prepaid, \$1.50.

Light Colors. Only. Mixed. From named varieties mixed to order. Oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c.

BOOK.

"SWEET PEAS UP TO DATE." BY HUTCHINS.

A COMPLETE TREATISE ON CULTURE OF SWEET PEAS 10c. postpaid.

SWEET PEAS.

(CONTINUED.)



Cupid Sweet Peas in a pot.

have will not produce more than half doubles, the others remaining of the usual single type. We furnish them mixed. Packet 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c.

Everlasting Peas. A perennial climber, producing a succession of white, rose and purple blossoms in clusters. Suitable for trellises arbors, etc. Hardy perennial. Height 10 feet. Mixed, packet 5c., oz. 25c.

Red, White and Blue Mixture. Consists of Salopian, Blanche Burpee and Navy Blue in a mixture. Very novel. Try an ounce at least. 10c., 2 oz. 15c., ¼ lb. 25c.

Bush Sweet Peas (Mixed). A distinct type of bush habit, (not dwarf like cupid) but with blossoms much the same as tall varieties. The Gray Friar is of a lavender purple color on a silvery white background, Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c.

Dwarf Sweet Peas. 10 inches high. A dwarf variety that is suitable for pot culture, hanging baskets, etc., is a decided acquisition in Sweet Peas, this we have in Dwarf Cupids. Blossoms are smaller than ordinary tall varieties.

White Cupid, pure white blossom, packet 5c., oz. 10c., 2 oz. pkg. 15c., ¼ lb. 25c. **Pink Cupid,** same as preceding, only differs in color, packet 5c., oz. 10c., 2 oz. pkg. 15c., ¼ lb. 25c.

Mixed Cupid, contains more colors, packet 5c., oz. 10c.

Double Sweet Peas. It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done. The result at best is really semi-double flowers. The best varieties we

STOCKS (Ten Weeks). Plants grow about one foot high, making a compact bush, covered with splendid spikes of bloom from July till frost. This seed is our own importation from the most celebrated German grower of this flower, saved only from the selected pot plants, and will produce the largest proportion possible to obtain large double flowers, in the most brilliant colors and variety. Half hardy annual. Height 1 foot.

German Dwarf Double, mixed packet 10c., ¼ oz. 60c. **Separate Colors,** white, blue, crimson, purple, yellow, pkt. 10c., ¼ oz. 75c.

Brompton Stock. The Brompton Stock cannot endure our winters, but if plants are grown in the open ground during the summer, in autumn they can be removed to the house, where they will flower well if not kept too hot or dry. Half hardy annual. Height 1 foot.

Mixed, packet 10c.

White, packet 10c.

SUNFLOWER. An exceedingly double variety of this well known plant, adapted by its stately growth for a background to the lawn, or a screen to hide unsightly places. It is also raised as an absorbant of miasma in damp or ill-drained situations, thus preventing fevers. The flowers are quite attractive. Hardy annual.

Helianthus, Globosus Pistulosus, packet 5c., oz. 10c.

Mammoth Russian, packet 5c., oz. 10c.

SALVIA. The Salvia, or Flowering Sage, is a very ornamental plant, flowering in spikes, and continue to bloom in the open ground till frost, when the plants can be removed to the greenhouse and they will continue in bloom a long time. This variety is of the dwarf habit, and the spikes of flowers are not so large as some of the green-house sorts. Height 1 foot. Tender annual.

Salvia Splendens, scarlet, packet 10c.

SMILAX. No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for wreaths, etc., it is indispensable to florists. Its hard texture enables it to keep several days, after being cut, without wilting. Nothing is finer for clothing statuettes, vases, etc. Height 10 feet. Tender annual.

Large packet, 10c., ½ oz. 50c.

THUNBERGIA, Climbing Black-eyed Susan. A trailing or climbing plant with flowers of various shades of yellow and white, having a dark center or eye. Finely adapted for vases or hanging baskets, for piazza decorations. Height 2 feet.

Thunbergia Alatum, mixed packet 10c.

TRUMPET VINE or BIGNONIA. Magnificent, hardy, deciduous climber with brilliant flowers; deserving a first place as an ornamental and effective covering for walls, houses, etc. Hardy perennial. Height 20 to 30 feet.

Bignonia Radicans, packet 10c.

WILD FLOWER GARDEN, or Mixture of all Kinds Flower Seeds. Any one who has planted and cultivated flowers, in neatly laid out beds and borders, is aware of the labor and constant attention required to produce the desired effect. To those who cannot give it this care, "The Wild Flower Garden" presents a substitute, which for its unusual and varied effect, cheapness and the small amount of labor necessary for its construction, has no equal. The seeds we offer for the "Wild Flower Garden" are a mixture of over 150 different varieties, and being mixed can be offered at a much less price than when sold in separate packets. No one not having such a bed, can form an idea of its beauty, the different seasons of bloom insuring something new, almost every day. Large packets 10c., ¼ oz. 15c., ½ oz. 25c.



Ten Weeks Stocks.

NOTE OUR LIBERAL OFFERS IN PREMIUMS ON
ALL ORDERS FOR SEEDS IN PACKETS.



Verbena.

VERBENA.

The most popular bedding plant grown from seed. The fine variety of colors, with stripes and markings for bouquets, making them one of the most desirable annuals in the catalogue for general culture. Grown from seeds, the flowers are quite fragrant, and blossoms stronger than from cuttings. Tender perennial.

Verbena Hybrida, mixed colors, packet 5c., ¼ oz. 25c., oz. 75c.

Mammoth, mixed, packet 10c., ¼ oz. 50c.

Separate colors, white, pink, purple, blue, scarlet, climax, each, packet 10c.

We Furnish Verbena Plants in the
Spring Months. See List of Plants.

VIOLET.

The violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. The violet is an emblem of faithfulness. Hardy perennial. Height 4 inches.

Viola Odorata, packet 10c.

WILD CUCUMBER.

Orna- mental climbing cucumbers with curious fruit, remarkable for its luxuriance and rapidity of growth. Height 15 feet. Half hardy annual.

Eschinochystis Lobata, mixed, packet 5c., oz. 15c., ¼ lb. 40c.



Violet.

WISTARIA VINES.

One of the quickest growing climbers, of fine bright foliage, producing bunches of rose lilac flowers in great abundance during spring. If once started will live for years. Hardy perennial. Height 20 feet.

Glycine Sinensis, packet 10c.

Wall-Flower.

The large, massive spikes of the Wall-Flower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant, perfectly double, and combine many shades of color, the orange, purple and chocolate predominating. Height 8 inches. Tender perennial.

Double, Mixed, packet 10c.

Single, Mixed, packet 10c.



Zinnia.

WHITLAVIA.

An elegant annual, with delicate foliage and drooping clusters of rich, dark blue and white bell-shaped flowers. Is fine for baskets and vases; for piazza decorations is one of the best, flourishing best in partly shaded situation. Height 1 foot.

Whitlavia Grandiflora, packet 5c.



Wall-Flower.



Whitlavia

XERANTHEMUM.

A popular flower of the immortelle class. Blooming freely in common soil. Plant is of compact habit with flowers borne on strong stems. Colors, white, purple, yellow and light blue. Hardy annual. Height 1 foot. Packet 5c.

ZINNIA.

Fine, large flowers, of a great variety of double colors—red, rose, crimson, scarlet, purple, orange, white and yellow—the flowers full, double as a Dahlia, and remaining in bloom from July till frost. Make a fine display when grown in rows, the plants forming a dense hedge, covered with bloom. Height 2 feet. Half hardy annual.

□ Double, mixed, packet 5c.

New Zebra, s striped, resembling a zebra. packet 10c.

FLOWER SEED MIXTURES AND COLLECTIONS.

You should include some of these mixtures in your order. They are money well invested.

MIXED CLIMBERS. Includes Nasturtiums, Sweet Peas, Japanese Hops, Cypress Vine, etc. Just what you want to cover garden fence, old stumps, trellis, etc. Liberal packet only 10c., ½ oz. 25c.

MIXED EVERLASTING FLOWERS. All the popular everlastings. You cut them when in bloom, they keep all winter. Packet 10c.

“WILD FLOWER GARDEN.” In this you get near all kinds of annual flowers. Liberal packet 10c., ¼ oz. 15c., ½ oz. 25c.

SWEET PEAS. We give 6 separate packets for 25c., 12 packets for 40c., 3 one-ounce packages for 25c.

NASTURTIIUMS. We give 6 packets, any kind, for 25c., 12 packets for 40c., 3 one-ounce packages for 50c.

ANSY-TRIMARDEAU. One packet each of 7 different kinds for 50c.

OUR SELECTED LIST OF SUMMER FLOWERING BULBS.

We have selected only the most popular and easy-growing bulbs, which are sure to give satisfaction. The prices are exceedingly low for the first class bulbs we have to offer. They will be sent prepaid, when ordered at single and dozen rate, unless otherwise mentioned. At the 100 rate they will be sent by express or freight at purchaser's expense. Unless ordered to the contrary we will use our judgment in time of shipping to avoid danger of frost.

AMARYLLIS.

FORMOSISSIMA. Known by some as Jacobean Lily. Blooms in early summer, producing rich scarlet flowers very strangely marked. Blooms freely and can be grown in water like the Chinese Narcissus. Being not hardy, the bulbs should be taken up in the fall and kept like Gladiolus. Large bulbs, 15c. each, four for 50c.

JOHNSONII. An old favorite, producing immense trumpet-shaped crimson flowers, each petal of which bears a broad white stripe. Extra large bulbs. 35c. each; three for 85c.

BECONIAS—Tuberous Rooted.

Are very easily grown and almost sure to bloom. Their showy flowers have become very popular, especially for window or conservatory, thriving in positions where partly protected from direct rays of the sun. Bulbs can be kept dormant from year to year. Our stock of bulbs selected from free bloomers. For seed of Tuberous Begonias see page 44.

Single, white, scarlet, pink or yellow, 10c. each; per doz., \$1.00.

Double, white, scarlet, pink or yellow, 20c each; three for 50c; per doz. \$1.75.

CALADIUMS.

Perhaps better known as Elephant's Ears. A very effective plant for outdoor planting where a tropical appearance is desired. The leaves often attain a length of 3 feet and 1½ feet high. With a little care they grow to enormous proportions. Good average size bulbs 15c.; three for 40c. Mammoth bulbs 25c. each.

CALLA LILIES.

This old favorite is always "in style" and a flower that should be in every plant collection. Our bulbs are the true California grown, extra large and vigorous. Order early. We cannot promise to have bulbs in good condition after April 1. Each 15c.; five for 50c.

SPOTTED CALLAS.

Similar in growth to the well known White Calla, except that the foliage is dotted with white spots and the flower is smaller, with a dark throat. Each 15c.; four for 50c.

CYCLAMEN.

A well known and universally admired plant, producing exceedingly handsome flowers. It grows readily, blossoms freely, and remains a long time in flower. The soil should be equal parts of turfy loam, leaf mold and sand. Plant in a 5-inch pot kept well drained. Keep in a cool, light place, watering lightly till growth begins, then water freely and give plenty of light and air.

The stock of bulbs we offer is grown expressly for critical flower lovers.

CYCLAMEN PERSICUM GIGANTEUM.—Separate colors, white, red, lilac, etc. Each 25c.; four for 75c.

Cyclamen are very easily cultivated from seed. Often very rare and curiously marked



Calla.



Begonia.

blooms are obtained from seed. See page 44.

CANNAS.

The Canna is one of the most beautiful of all bedding plants. It has long been a great favorite, but since the introduction of many new varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, so that they are now indispensable. No plant is better adapted to our climate, and nothing, costing so little, excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades. Plant outdoor about the middle of May if weather is warm and settled. Do not water too freely until well started, then they should have an abundance.

The assortment we have for this season contains many rare varieties.

Named Varieties, 15c. each; four for 50c.; doz. \$1.25.

Unnamed Bulbs 10c. each; three for 25c.; doz. 80c.

BULB COLLECTION OFFER. NO. 50.

One each of the following postpaid for 50c.

Amaryllis Formosissima.
Begonia. Single.
Begonia. Double.
Spotted Calla.
Named Canna.

Each fall we issue a Descriptive Price List of Bulbs suitable for Fall and Winter use. This assortment includes

HYACINTHS, NARCISSUS,
TULIPS, CROCUS.

LILIES, Etc., Etc.

Be sure to ask us for this list. Write us now about it and let us enter your name.



Cyclamen.



Canna.

DAHLIAS.

We make a specialty of stock from the famous Wilmore Dahlia Farm, where there are hundreds of varieties grown. Each season we go through the assortment growing, and select with special care, varieties we believe to be worthy. Our list contains the very cream of the better varieties. Parties having Mr. Wilmore's Price List can select any varieties there from and order with other goods from us.

SHOW AND FANCY VARIETIES.

One to three strong germs to each bulb. Do not judge the flowers by the size of the bulb, as some of the grandest have the smallest bulbs. With each dozen we give one extra of our selection. We send printed cultural directions when requested.



Price 15c., each, \$1.50 per dozen, prepaid; 6 at the dozen rate.

Annie Moore. A fine variegated flower of medium size. Color, beautiful combination of cherry, pink and white, height 3 feet.

A. L. Chase. Creamy white streaked with purple; sometimes solid purple, height 3 feet.

A. D. Livoni. Rich pink. Finely formed. A very handsome flower, height 3 feet.

Bon Maza. (Uncertainty). An old Dahlia, but one of the best. White ground, streaked and marbled in a curious manner with bright red, height 4 feet.

Bon Ton. A fine ball-shaped flower of a deep garnet red; sometimes tipped and streaked with white. An extra fine Dahlia; height 4 feet.

Floral Park Jewel. Rich purple red, tipped and striped with white. Sometimes solid color. Very early and free; height 3 feet.

Frank Smith. Rich dark maroon. Generally tipped with pure white, shaded into pink. One of the best; height 5 feet.

Golden Treasure. A beautiful burnt orange color. Flower large, well formed, and full to the center; height 3 feet.

Glori De Lyon. Pure white. The largest white Dahlia in cultivation; almost round as a ball; height 3 feet.

Grand Mogul. Bright scarlet tipped and streaked pure white; height 4 feet.

Kaiser Wilhelm. One of the grandest flowers in cultivation. Of immense size and perfect form. Deep yellow, tipped and shaded with cherry red; height 4 feet.

Lady Mildmay. A very beautiful flower. White ground shaded to pale lilac. Very large and full. A free bloomer; height 3 feet.

Lyndhurst. Scarlet or vermillion. A noble flower; height 4 feet.

Miss Ruth. Lemon yellow tipped with pure white; sometimes clear yellow; height 3 feet.

Mrs. Hartong. Very large and exquisite form. Color light fawn, suffused with pink. Very handsome; height 5 feet.

Miss Dodd. Purest yellow. Of exquisite form and color. A remarkably handsome flower; height 3 feet.

Mrs. Linder. This new decorative Dahlia we consider one of our best. Its color is a beautiful creamy white, shading to blush pink. Of perfect outline; height 4 feet.

Orine Emerson. A very handsome flower, borne on long stems. Color, rich, dazzling red, shaded light cherry red; height 3 feet.

Pioneer. The nearest approach to a black Dahlia of any yet introduced. For combined excellence it has no superior; height 2½ feet.

Purple Gem. Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first class flower; height 4 feet.

Snow. A beautiful pure white, long stem. Excellent for cutting; height 4 feet.

SPECIAL OFFER—One each, above varieties—21 bulbs for \$2. 25, pre paid.

CACTUS DAHLIAS.

The following list is a very "Select Twelve", being all from the best introductions of the past few years. They are bound to please the most critical. Price 15c. each; \$1.50 per doz. pre paid.

Arachne. This name means "spider," and is appropriately applied to this variety, the flowers being much twisted and very irregular; the petals are a creamy white, edged with crimson; the coloring, however varies as much in shape, there rarely being two flowers alike; height 3 feet.

Cinderella. Petals long and pointed and quite regular in outline. Color, dark purple maroon. A very early and free bloomer; height 3 feet.

Dr. Gates. This new cactus Dahlia is a lovely shade of shell pink shading to blush at the end of the petals. Unlike so many of the cactus varieties, this one has a fine stem, holding its flowers well above the foliage. height 5 feet.

Dr. Muir. Another new cactus Dahlia, originated the same year as the Dr. Gates, and from the same parent plant. A most remarkably free bloomer. Flowers are large and full, with petals curved and twisted, giving a fluffy effect to the flower. Color, apricot, shaded to orange bronze; height 3 feet.

Glorioso. Bright scarlet, long curved petals. One of the best; height 4 feet.

Mrs. Alvord. Salmon shaded to primrose, pink petal long, and flower finely formed; height 3 feet.

Matchless. Another grand Cactus Dahlia. Petals long and even. Dark maroon; height 2 feet.

Mrs. Chas. Turner. This one is the finest of all the yellow in the Cactus variety. Extra large, with long, pointed petals and perfect in form. Bright lemon yellow; height 4 feet.

Mrs. Peart. One of the grandest of all cactus Dahlias. Color a delicate creamy white; height 3 feet.

Mrs. Barnes. A beautiful primrose color. Flower well formed and a free bloomer. Stems rather short for cutting; height 4 feet.

Mrs. Bennett. Soft crimson, large and well formed, petals broad and pointed; height 4 feet.

Zephyr. A light, feathery form of unique coloring, rosy pink shading to heliotrope. An early and profuse bloomer. One of the best; height 3 feet.

POMPON OR BOUQUET DAHLIAS.

These small, well formed Dahlias are especially desirable for cutting. We name but three colors, but can furnish a full list of colors if desired. Strong tubers 15c. each; \$1.50 per doz.

Catherine. Bright yellow, good form and stem; height 3 feet.

Darkness. Very dark maroon, extra fine; height 3 feet.

White Aster (Guiding Star.) Pure white. Excellent for cutting. Petals fringed; height 3 feet.

SPECIAL OFFER. One each of the foregoing described Dahlias—36—each one different, prepaid, for \$3.75.

DOLLAR COLLECTION: 13 Dahlia Bulbs, no two alike, your choice, but not labeled, for \$1, post paid. An immense amount of flowers for the money.

FIVE CHOICE DAHLIA NOVELTIES.

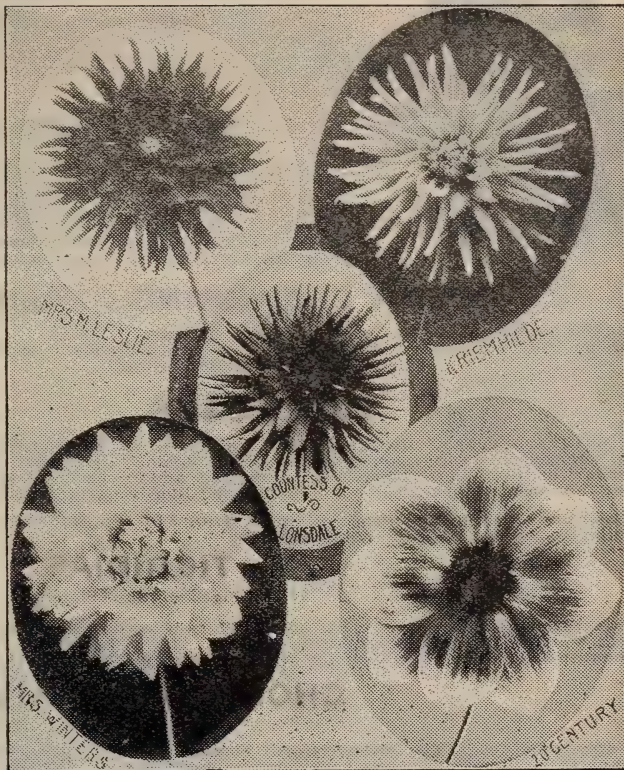
Mrs. M. Leslie. This new Cactus Dahlia was offered last season for the first time. It had been cultivated in the trial grounds of the introducer for several years and found to be true. It is a fine Cactus. The plant is of spreading habit and the flower very compact, of a deep glowing red. Price each 25c.

Mrs. Winters. The grandest of all white Dahlias. Read what the introducer says: "In offering this Dahlia, I believe I am introducing the best white Dahlia yet produced. The claim is a large one, but I believe its merits will justify the claim. Its color is a pure waxy white, which shows no tint or variation, even in the strongest sunlight. It blooms very freely, producing flowers from five to seven inches in diameter, with beautifully pointed petals. Another good quality is that it never shows an open center. The plant grows to a height of 3 feet, and is of a rather spreading habit, and in type belongs to the Cactus section, but the petals, although pointed, are rather broad." Price each 25c.

Countess of Lonsdale. The freest flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just a suspicion of apricot at the base of the petals. Towards the tips the color deepens gradually to the softest carmine pink. Price each 20c.

Kriemhilde. Produces flowers of a delicate flesh pink, shading to white in the center. It is actually the finest pink Cactus Dahlia yet introduced. As a cut flower it is likely to supercede all existing pink sorts. It is impossible for this picture to do it justice. Price each 25c.

Twentieth Century. A grand new single variety entirely distinct from all previous introductions, and not only valuable as a flowering plant for the garden, but a choice cut flower. Its rosy crimson, tipped with white and has a white band around the disc. As the season advances they become lighter, until they are almost a pure white, suffused with soft pink, not variegated, but blended in the most beautiful manner. Price reduced to 25c. each.



SPECIAL OFFER.—One each above Dahlia Novelties by Mail for \$1.00.

GLADIOLUS.

The most attractive of all summer flowering bulbs, and now that such great advancement over the common sorts has been made, the Gladiolus is winning admirers each season. They are sure to bloom. We recommend planting four inches deep, in ordinary soil not excessively rich. Make succession of plantings to have blooms prolonged through the season. Large bulbs do not always produce the grandest flowers. Medium sized bulbs give best results.

Principes. The new Amaryllis-flowered variety. A superb new Gladiolus. Price each, 35c. 3 for \$1 prepaid. For further description see Novelties.

Groff's Strain. Our stock of these is from the Gold Medal collection of the Pan American Exposition. In the entire field last summer we could not find a faulty flower. Many would measure 5 inches across, from tip to tip of petals. They are surely grand. You should order from this stock if you wish to excel in cultivating Gladioli. All large size bulbs, 10c. each; 75c. per doz. Second size bulbs, 60c. per doz; 100 not prepaid, for \$3.50.

High Grade Mixture. Made up by many of the finest of the older strains, including some of Lemoine's Seedlings, Child's and Burbank's Select. Average good sized bulbs, 4 for 20c., doz. for 50c., 100, not prepaid, for \$2.50.

Good Mixture. Consists of a good assortment of sure to bloom bulbs. Doz. 30c., prepaid; 100 not prepaid for \$1.50.

Light Colors only, Mixed. Each 5c., 6 for 30c., 12 for 50c., post paid.

Years ago it was thought impossible to have choice Gladiolus blooms except from named varieties. Now-a-days you can get blooms of the grandest types in our mixtures as offered above. Order liberally. It will be money well invested.



Gladiolus.

When wanting Hyacinths, Tulips,
Narcissus, Etc., ask for
FALL BULB PRICE LIST.



Gloxinia.

GLOXINIAS.

New Giant Flowering Hybrids. Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period. Each 15c., 2 for 25c.

MONTBRETIAS.

One of the brightest and best of summer flowering bulbs, and one which will be more generally used when its merits become more fully known. Plant in clumps of six or twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star shaped flowers in various shapes of orange, yellow and red. Mixed varieties, 3 for 10c., per doz. 30c.

SUMMER FLOWERING OXALIS.

Useful for bordering beds, and also for hanging baskets.

Dieppi is the pure white bell-like flower. **Lasandra** is the rosy-pink flower. Price, doz. 10c., 50 for 30c., post paid.

TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the green house or hotbed; and for a succession they can be planted at intervals as late as August. For open ground culture plant in May and June in warm location.

Excelsior Early Double Dwarf Pearl. First size bulbs, 3 for 15c., 12 for 50c. post paid. Not pre paid, 12 for 40c. Second size bulbs, 30c. per doz, postpaid: not prepaid, 25c.

TIGRIDIAS.

(Tiger, or Shell Flower.)

These gorgeous summer flowering bulbs look well associated with Gladioli, Lillies and kindred stock; grow about 2½ feet high, and flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in the autumn and dried off in the same way. Mixed colors, 3 for 15c. Dozen for 50c. prepaid.

CHOICE HARDY LILIES.

ALL PREPAID.

The Lily is decidedly "The Queen of Hardy Flowers." Much can be said in praise of the varieties we offer. There are many varieties not sufficiently hardy or suitable for our locality. We give special printed cultural directions with each order.

Longiflorum, Easter Lily. Pure white trumpet flower, resembling the Harrisil. Average size bulbs. Each 15c., 3 for 40c., dozen for \$1.50.

Auratum. The true golden-banded Lily of Japan—see cut. This Lily is perfectly hardy, increases from year to year Should be in every garden. Average size bulbs. Each 20c., dozen for \$2.00.

Speciosum Rubrum. A beautiful Japan variety, with six broad white petals, with rich crimson spots. Each 20c. dozen \$2.00.

Speciosum Album. The White petals have green bands through the center. Each 20c., dozen \$2.00.

Tigrinum Flare Pleno. The old fashioned Double Tiger Lily. Much admired for its stately habit, bearing immense clusters of blossoms of orange, red, spotted with black. Each 15c., 4 for 50c., dozen for \$1.25.

LILY OF THE VALLEY.

A bed or clump of these in a shady corner will thrive and bring you a wealth of fragrant blooms. 6 for 25c., 12 for 40c., prepaid. For best results we offer **Large Imported Clumps**, containing a mass of rooted pips. 25c. per clump, not prepaid.

White Day Lily (Funkia Alba). Has milky white flowers, three to four inches long. In very cold localities requires some protection through the winter. Each 15c., 3 for 40c.

Yellow Day Lily. Produces large, fragrant yellow flowers, during July and August. Each 15c., 3 for 40c.

It will pay you to plant liberally of our Perennial Hardy Stock. When once started they care for themselves, usually increase liberally and produce an abundance of beautiful blooms throughout the season.



Auratum.



Lily of the Valley.

REMEMBER. We may be able to save you money on your general order of Garden Tools, Seeders, Cultivators, Sprayers, Etc. Let us figure on your entire list.

HARDY HERBACEOUS PLANTS AND ROOTS.

Perennial and Biennial.

No flower garden is complete without an assortment of the hardy plants that usually require very little care. They can often be tucked away in corners and odd places to come up each season with the opening of spring.

The prices named include postage except where noted. If we are privileged to ship by express at your expense we can usually supply much larger and stronger roots for the same price.



Bleeding Heart.

Achillea. (The Pearl). Pure white flowers. Each 15c., 3 for 40c.

Astilba Japonica (Spirea). White blossoms, Each 25c., 3 for 65c., not prepaid.

Aconitum Napellus (Monk's Hood). A beautiful tall plant, very suitable among Hollyhocks. Flowers dark blue. Each 15c., 3 for 40c.

Anemone Sylvestris. White flower on a bushy plant. Each 15c., 3 for 40c.

AQUILEGIA COERULEA.

The True Rocky Mountain Columbine.

The true beauty of this flower is appreciated when seen wild in the mountains of Colorado. We make a specialty of collecting roots and furnish none but the true stock. We ship to all parts of the United States. This flower is embodied in our trade mark on cover of this catalogue. Large roots 20c., 3 for 50c. Medium size roots 15c., 2 for 25c.



Aquilegia Coerulea.

Campanula. In several varieties, including the Canterbury Bell. Each 15c., 3 for 40c.

Coreopsis Lanceolata. Flowers are bright golden yellow. Each 15c., 3 for 40c.

Daisies (Bellis Perennis.) Can usually supply in mixed colors. 4 for 25c., 12 by express not prepaid, 60c.

New Shasta Daisies. Perfectly hardy and of easy cultivation. The flowers are large, with large, broad petals of pure white. Each 25c., 6 for \$1.00. See Novelties for seed.

Bleeding Heart or Dielytra. The old favorite, heart shaped flowers. Each 20c., 3 for 50c.

Delphinium Formosum (Perennial Larkspur.) A very graceful, tall growing plant, with long spikes of bright blue flowers. Each 15c., 3 for 40c.

Dianthus Barbatus (Sweet William.) Continues in bloom most all summer. Large, double flowers. Each 15c., 4 for 50c.

Digitalis (Foxglove.) A very ornamental plant, growing to about 3 feet high. Each 15c., 2 for 25c.

Forget-me-nots. (Myosotis Alpestris.) The low growing plants usually produce an abundance of the fragrant small blue flowers. 3 for 25c., 12 for 60c.



Hollyhocks.

Gaillardia Grandiflora. Have a mass of blooms the entire season. Flowers are dark red brown, with petals of orange or crimson. Each 15c., 3 for 40c.

Gypsophila Paniculata. (Baby's Breath.) Small white flowers. Each 15c., 3 for 40c.

HOLLYHOCKS.

The handsome double flowers of the improved varieties of this flower makes it a great favorite. This stock is grown by a man who makes a specialty of bulbs and shrubs. The flowers are equal to any. We have in stock Double White, Salmon, Pink, Yellow and Maroon. One year old roots. Each 15c., 2 for 25c., 5 for 50c.

Helianthus Multiflorus Plenus (Dahlia Sunflowers.) Loaded with yellow flowers. Make excellent cut flowers. Each 15c., 2 for 25c.

JAPANESE IRIS.

These magnificent Iris are among the most beautiful of our Summer flowering plants. They commence blooming about the middle of June and continue in bloom five or six weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection, imported from Japan, consists of the very choicest. We have a large assortment. Each 20c., 3 for 50c.

Iris Germanica (Flag Fleur de Lis.) This is one of the most desirable early Spring flowering plants. We usually fill orders with mixed colors. Each 15c., 4 for 40c.

Lychnis Chalcedonica. The well known Burning Bush. Bright scarlet. Each 15c., 3 for 40c.

PAEONIES.

Once Planted Will Last a Life-time.

This grand old favorite is today one of the most popular flowers. The Japanese have always held them with esteem and have brought to us an endless variety of color and forms of blooms. The plant is perfectly hardy and increases rapidly. The flowers come early and are very seldom attacked by disease. Assortment should be in every garden. Our roots are not small. We can furnish in Double of White, Crimson or Pink, each 25c. When ordered by express we give extra large roots at the same price.

Golden Center. Pure white with pale yellow center. A very attractive flower. Each 30c.

Paeony Collection of 5 distinct colors for \$1.00 prepaid.

Paeony Clumps. By express only. Can usually supply clumps of several varieties at 75c. each.



Iris.



Paeony.

Early Flowering Hardy Phlox.



Phlox.

These we consider the most desirable of all hardy perennials,

Flowering abundantly from July until late in the Autumn. These new French varieties are of a dwarf growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across, with flowers as large as a silver dollar, and comprises all shades of color, vermilion to white. They delight in sunny location and rich soil, but are by no means particular. Can usually supply four to six colors. Each 15c., 3 for 40c.; 6, no two alike, for 65c.

Poppy (Hardy Oriental.) Large flowers resembling chrysanthemums, in a great variety of colors. Each 15c., 2 for 25c.

Pyrethrum Roseum. Very attractive pink colored flowers. Each 15c., 2 for 25c.

Rudbeckia Golden Glow

This is decidedly one of the brightest and most showy among the hardy plants and one of the easiest culture possible, commencing to bloom in July and continuing until killed by frost. The plant is compact, growing from 4 to 7 feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general shape resembling a Cactus Dahlia. Excellent for cut flowers, lasting well when cut. Each 15c., 2 for 25c. Large clumps 20c.



Rudbeckia.

Purple Rudbeckia. Entirely distinct from all other perennials in the peculiar formation as well as the color of the flowers which are of large size, about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. Each 15c., 2 for 25c.

Tritoma.

(Torch Lily or Red-hot Poker.)

Pfitzerii. The freest flowering variety in cultivation, with heads of bloom over 12 inches long of a rich orange-scarlet, shading to salmon-rose at edges, producing a grand effect whether planted singly in the border or in masses or beds.

This was one of the attractive flowers at the Denver City Park last season. Every lover of the beautiful in flowers should have a number of these in their collection. We believe it will prove reasonably hardy.

Each 30c. 3 for 75c. Small plants 20c. each.



Tritoma.

Hardy Shrubs for Lawns.

MUST BE SENT BY EXPRESS.

This stock is all nursery grown and two years old, thus too large to be mailed. The mailing sizes are not satisfactory. Each specimen will be properly labeled and packed for shipping.

Azalea Amorena. A very beautiful hardy variety. Has crimson flowers of the most beautiful crimson color.

Azalea Pontica. This hardy variety produces flowers before foliage and is very suitable for the lawn. Price for each above Azaleas 75c. each.

California Privet. A quick, strong growing shrub, yet easy to control, by use of shears or knife, to any shape. Fine for hedges between city lots, on large rural grounds, parks, cemeteries, in single clumps or with other shrubs, also as screens to outbuildings, fences, etc. Very hardy, easy to grow on all soils, even in partial shade; almost evergreen, its rich, leathery-green foliage changing to deep purple in winter. Each 70c. When wanting quality, write us.

Hydrangea Paniculata Grandiflora. A most beautiful shrub, with immense panicles of bloom; white fading to a light pink. The most popular shrub we have. Strong roots, 35c. each. Extra large, 50c. each.

Honeysuckle, Tartarian. (Upright.) Forms a fine bush with creamy white flowers. Each 25c., 3 for 60c.

Hibiscus (Rose of Sharon). Has large, double flowers, pink, majenta, white, with maroon center. Each 50c.

Lilacs. Grows freely in any soil. We have the pure white, and the rose colored. Each 30c., 2 for 50c.

NEW DOUBLE-FLOWERED LILAC.

Decidedly one of the most beautiful of all Shrubs, especially adapted for the Lawn. The flowers are perfectly double and very fragrant. Being a late bloomer, it is especially adapted to this country, thus not likely to suffer from late frosts, which so often catches the early single varieties. This plant is worthy.

Price 75c. each, not prepaid.

Snowball. A shrub that needs no introduction. Our stock is choice two year old roots. Each 35c.

Spireas. The hardy Spireas for lawn shrubs are very satisfactory. They bloom profusely. We have the popular varieties in two year old sizes. Each 35c., 4 for \$1.00.

Mock Orange (Philadelphus Coronarius). Sometimes called Jessamine. Free flowering, pure white. Has a Jessamine fragrance. Large, two year stock 35c. each.

Sambucus Aurea (Golden-leaved Elder.) Very striking in appearance and a very robust grower. Each 35c.

It pays to buy large size plants, getting them by express. Small stock by mail is often very unsatisfactory.

Hardy Climbing Plants

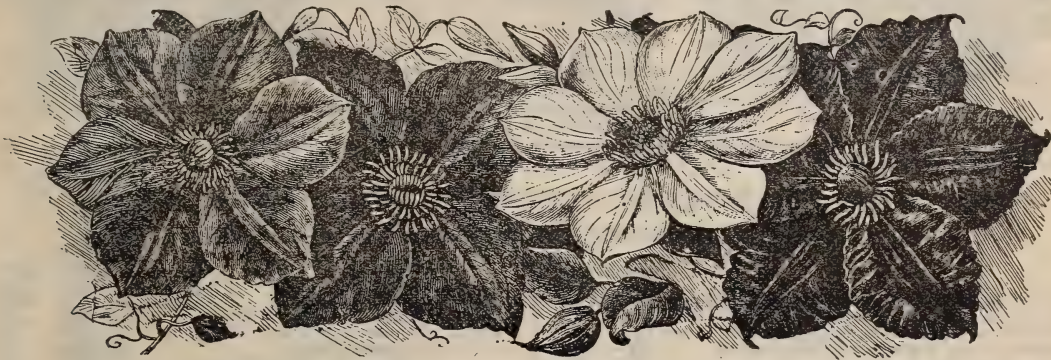
FOR PORCHES, TRELLIS, ETC.

For best results the larger roots are cheapest. Of most varieties the large sizes are too large for mailing. Order the large express size.

Ampelopsis Veitchii (Boston Ivy). The handsomest vine possible for trailing to walls, buildings, etc. Is usually hardy, however some protection is necessary. Two year old plants, by express, 25c.; small plants by mail, 20c., 3 for 50c.

Apios Tuberosa or Tuberous Wistaria. Has foliage and blossoms similar to ordinary Wistaria, though propagated by tubers. Perfectly hardy. 2 for 10c., 5 for 20c., post paid.

Bignonia (Trumpet Vine). An old-fashioned hardy climber, bearing trumpet shaped crimson orange flowers. Large roots 35c. each by express.



Madame Veillard.

Jackmanii.

Henryi.

Madame Eduard Andre.

Clematis The justly proud Queen of all Climbers, with its large, beautiful flowers of many colors, produced in great profusion the entire season, is admired by everyone the world over. It is a rapid grower, and delights in a heavy rich soil and a sunny position. Dig the soil deep and plant so that the crown of the roots will be three inches below the surface of the soil, water freely, especially in dry times; give plants a good top dressing of well rotted manure late in the fall, and in the spring spade well and carefully into the soil and you will be well repaid. The varieties we have are those best adapted to our climate.

Jackmanii Purple. Has rich large, deep purple flowers, so much admired by all. Healthy two year old roots, first size, 75c., by express; second size, 50c., post paid.

Jackmanii Alba. Similar to Jackmanii Purple, except in color, which is a pure white. Each 50c., by express.

Mme. Eduard Andre. A new bright red. Large flowering and as free bloomer as Jackmanii. With slight protection it withstands winters in Colorado. Price, 50c. each, by express.

Mme. Baron Veillard. Light rose with lilac shadings. A strictly handsome Clematis. Each 50c., by express.

Henryi. Strong grower, flowers always eight-sepaled, four to six inches in diameter and pure white. Very hardy. Each 50c., by express.

Paniculata. The flowers are medium size, pure white, born in immense sheets. Very fragrant. Hardy and of quick growth. This has different style blossom from the preceding kind. The small white flowers are very attractive. First size roots 50c., by express; second size, 35c., postpaid.

SPECIAL CLEMATIS OFFER: One each **Madam Baron Veillard**, **Jackmanii Purple**, **Henryi**, **Madame Eduard Andre**, all for \$1.50, you pay expressage.

CINNAMON VINE.

This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon, and is appropriately called the Cinnamon Vine. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor very early in the season. With its beautiful heart-shaped leaves and clusters of delicate white flowers and delicious cinnamon odor is a most desirable climber. We furnish the large tubers, post paid, for 10c., 3 for 25c.; second size, 2 for 15c., doz. for 60c.

CINNAMON VINE BULBLETS.—Quite satisfactory but do not produce as much vine as the large roots the first year. Per doz. 25c.

Honeysuckle Halleana (Chinese). Grows vigorously, with yellowish-white fragrant flowers. Large two year roots, 35c., post paid; second size roots, 20c., 3 for 50c., post paid.

Madeira Vine (Tubers). While it grows most anywhere, it does best in a warm, sunny location. Has a small white flower. Foliage of waxy appearance. Madeira tubers are not hardy, though they are excellent climbers, thus we place them in this list. Strong tubers, 2 for 10c., doz. 40c., postpaid.

Wistaria. A great climber, with dense clusters of purple, also some white flowers. Large roots 35c., by express; smaller roots 35c., post paid.

Woodbine. An exceedingly popular vine for porches, arbors, etc. Is very hardy, clings readily. Each 20c., 3 for 50c., doz. \$1.50.



BULB COLLECTION NO. 25: Climbing Plants, consisting of 3 **Apios Tuberosas**, 2 **Cinnamon Vines**, 3 **Madeira Vines**, all by mail for 25c.

Bedding and Summer Flowering Plants

The following are our specialty:



Pansy.

Verbenas. An old favorite and much admired, especially the large flowering variety that we offer. Assorted colors, 10c. each, 12 for 75c.

The following we can supply from 2 in. pots and have ready from April 15 to June 15:

Where priced by mail are prepaid. Where priced by express are not prepaid

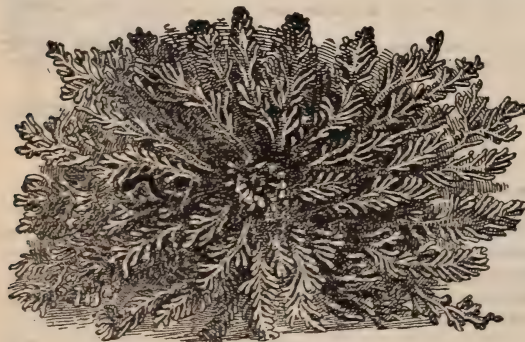
| | BY MAIL. | BY EX. |
|---|----------|--------|
| | EACH. | POZ. |
| Antirrhinum (Snapdragon), assorted colors..... | 15c. | \$0 75 |
| Asters, Chinese and Japanese, var. asst. colors, 10c. | 60 | |
| Carnations, Marguerite, fine summer bloomers 10c. | 60 | |
| Cosmos, Pink, White, Red, New Yellow..... | 10c | 50 |
| Coleus, assorted varieties..... | 15c. | 75 |
| Columbines, double and single Hybrids..... | 10c. | 60 |
| Chrysanthemums, Chinese and Japanese asst. 15c | 1 00 | |
| Feverfew, double White..... | 15c. | 75 |
| Fuchsia, double..... | 15c. | 1 00 |
| single..... | 15c. | 1 00 |
| Geraniums, double, assorted colors..... | 15c. | 75 |
| single..... | 15c. | 75 |
| Lady Washington..... | 20c. | 1 50 |
| Heliotrope, White and Blue..... | 15c. | 75 |
| Ivy, Kenilworth..... | 10c. | 60 |
| English..... | 10c. | 60 |
| German..... | 10c. | 60 |
| Lobelia, Crystal Palace (Blue)..... | 10c. | 50 |
| Petunia, single Giants of California..... | 15c. | 75 |

| | BY MAIL. | BY EX. |
|---|----------|--------|
| | EACH. | POZ. |
| Petunia, double fringed..... | 15c. | \$0 75 |
| Phlox, Drummond, Grandiflora..... | 10c. | 60 |
| Pinks, Chinese, double and single..... | 10c. | 60 |
| Japanese Clove..... | 10c. | 60 |
| Cyclops (Perpetual Pinks)..... | 15c. | 75 |
| Salvia Splendens (Scarlet Sage)..... | 15c. | 75 |
| Stocks, Ten Weeks [Levkoyen]..... | 15c. | 75 |
| Smilax..... | 15c. | 75 |
| Hanging Basket Plants, in assorted varieties 15c. | 15c. | 75 |

We also can furnish, BY EXPRESS ONLY, Decorative Plants for the Parlor, such as:

| | |
|-------------------------------|-----------------------|
| Palms [Kentia], from..... | \$1 50 to \$5 00 each |
| " [Katania], from..... | 1 50 to 5 00 " |
| Boston Ferns from..... | 75 to 2 00 " |
| Dagger from..... | 75 to 2 00 " |
| India Rubber Plants from..... | 1 50 to 5 00 " |

Larger plants of all sizes and descriptions can be furnished on application.



RESURRECTION PLANT.

A truly marvelous plant. When you receive it from us it is a shrunken ball of coiled up leaflets, but when immersed in tepid water one frond-like tip unfolds slowly outward, then another, and another until in a short time the whole plant has resurrected, flattened out into a plant-like shape, and transformed into a lovely rosette of beautiful velvet green, fern-like moss, both odd and marvelous. It will grow nicely if planted in a warm, moist shady place, but being nearly or fully matured in size and growth when gathered, it need not be planted at all, as the plant will keep just as well in a trunk or any other dry place in the house, for ages in a perfectly fresh and healthy condition, and can be resurrected at will, time and again, indefinitely, by being allowed to curl up and become dry each time, after having been fully opened out by water. Price by mail. Large size bulb 25c., 3 for 50c.; medium size bulb 15c. each, 2 for 25c.; small size 10c. 3 for 25c. All prepaid.

Splendid Honey Plants for the Western Bee Keepers.

Cleome. Known as Rocky Mountain Bee Plant. Is perfectly hardy, and after once sown will usually self-sow and increase rapidly. Has an attractive flower in shades of pink and crimson. Bees feed heavily on this. Oz. 20c., ¼ lb. 45c., 1 lb. \$1.25. Prepaid.

Dragon's Head. A neat upright perennial, with spikes of showy purple flowers, in bloom from June until in August. Are among the first for bees. Each 25c. \$2.25 per dozen by mail.

Phacelia (Tansy-Leaved.) The Russian Honey Plant. Can be had in bloom the entire summer season by repeated sowings. Pkt. 5c., oz. 10c., ¼ lb. 30c.

Catnip. While this is a common herb it is now very much in demand by Bee Keepers. Our seed is strictly fresh. Oz. 20c., ¼ lb. 60c., 1 lb. \$2.00. Prepaid.

WHITE BOKHARA or SWEET CLOVER.

This is a tall, shrubby like plant, growing to the height of four to six feet, with branches whose extremities bear numerous small white flowers of great fragrance. It should be sown in spring, in drills twelve to sixteen inches apart ten pounds will sow one acre. Lb., hulled seed, 25c., 5 lbs. \$1. Not prepaid.



Roses

The Queen of Flowers

THE HYBRID PERPETUALS are by far the most satisfactory Rose for our Western country. They are distinguished for their vigorous growth and large, perfect flowers. We recommend them for permanent beds. When planting care should be taken to set the plants deep, and to firm the soil around the roots. We furnish two year old field grown plants, which are kept dormant in our storage cellar and should not be taken out until time for planting. These roses are positively too large to mail satisfactorily. Price for all the two year old stock, except where noted otherwise. 35c. each; dozen \$3.00. Purchaser paying expressage.

American Beauty. The well known favorite, of very large, deep, rich crimson.
Paul Neyron. Deep, shining pink. Flowers 3 to 5 inches in diameter. A strong grower.
Coquette des Alpes. The best white rose for general use.
Captain Christy. Produces beautiful blossoms of a delicate flesh color.
Gen. Jacqueminot. Rich, velvety crimson.
Magra Charta. A beautiful clear, rosy pink.
Prince Camille de Rohan. A velvety crimson, and considered the darkest red color that exists in roses. Called by some the Black Rose. Price for this rose 50c. each.

HARDY CLIMBING ROSES, FOR PORCHES, ETC.

These are equally as hardy as the above. Price for field-grown plants, 3 to 4 feet, by express, 35c each. \$3 per dozen.

Crimson Rambler. The Ramblers are considered the most wonderful of all climbing roses. The plants are often a mass of blooms. The foliage, a bright green, contrasts favorably with the bright crimson flowers.
Baltimore Belle. Produces large double, pale blush flowers.
Prairie Queen. A favorite. A bright red changing to a deep pink.
Gen. Washington. An old standard of pure white.
Seven Sisters. Has clear pink in clusters of seven. Very rapid climber.
Russell's Cottage. Deep pink.
Tennessee Belle. Rosy blush.

NEW EVER BLOOMING CLIMBING ROSE.

DOROTHY PERKINS. New Rambler Rose. As hardy as Crimson Rambler and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from two to thirty and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell-pink and holds a long time without fading. Ask for free lithograph of this rose. Price for large plants, each 75c.; second size plants 50c each.

THE NEW ROSE "BABY RAMBLER." The everblooming Dwarf Crimson Rambler, in bloom all the time. The best red pot or bedding rose in the world. Same color as the climbing Crimson Rambler with clusters of from 20 to 40 open flowers at one time. It blooms every day from May until November, if planted out, and in pots all the year round. Price, each 75c post paid.

MOSS ROSES.

These are still favorable where an assortment of roses are cultivated. Our stock is of two year old field grown, and are too large to be sent by mail.

Crested Moss. Very large rose colored flowers, heavily mossed.
Glorv of Mosses. Large rosy carmine.
Blanche Moreau. Fine pure white
Henry Martin. Rich, glossy, pink-edged crimson. Large plants 35c. each; \$3 per doz.

English Sweet Briar. The well known English sweet scented Rose. Suitable for fancy hedges. Large bushes 50c. each by express.

TEAS AND HYBRID TEAS.

Although these are not hardy, with reasonable protection they survive our general winters. To meet honorable competition for "Plants by Mail" we offer the following Roses in two size plants. The smaller size are good, well rooted stock and are large for mail, however we send them, postage paid. The large size are two year old stock by express, at purchaser's expense.

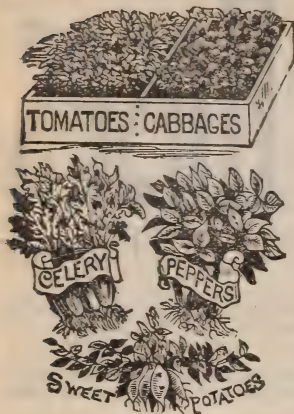
PRICES—Small Plants 15c. each, 3 for 40c., \$1.50 per doz., Post paid, Large size 35c. each, \$3 per doz. by express.

La France. The delightful fragrance of this rose is appreciated by all lovers of roses. This is the most perfect of roses. Color a delicate pink.
Bridesmaid. A very large bloom of perfect full form, of clear rose pink.
The Bride. The most popular white rose for winter flowering.
Souvenir de Wootton. Bright magenta-red. Flowers large and very sweet.
Perle des Jardins. One of the finest yellow roses in cultivation.
Meteor. One of the best, as it blooms all summer. A rich dark crimson.

To keep insects off your Rose Bushes use Sulpho-Tobacco Soap. A 3-oz cake enough for 1½ gallon prepared solution, 10c., by mail, 13c.

When Planting Roses you need a good Trowel. Try our No. 309 6-inch extra heavy, 40c., by mail, 50c.

VEGETABLE PLANTS.



We have increased our facilities in this line and can fill all orders very promptly. These plants are grown from our selected seed and thus you can depend on genuineness of the plants. The men in charge of the work use great care to produce strong, vigorous plants, and pack them promptly. These prices do not include postage. We do not favor having them sent by mail as they are sure to damage when confined in a close mail pouch. If must be forwarded by mail add 6c. per doz. 25c. per 100 for postage.

Early Cabbage. Winningstadt, Jersey Wakefield, ready May 1. Doz. 10c., 100 50c., 1000 \$4.

Late Cabbage. Hollander, Premium Flat Dutch, Winningstadt and Red Drumhead, ready in June. Doz. 10c., 100 40c., 1000 \$2.50.

Early Cauliflower. Snowball, ready May 1. Doz. 20c., 100 \$1. 1000 \$8.

Late Cauliflower. Snowball, ready in June. Doz. 15c., 100 75c., 1000 \$6.

Tomatoes. Stone and Beauty, from seed bed, ready May 1. Doz. 10c., 100 50c. 1000 \$4.

Tomatoes. Stone and Beauty, transplanted, ready May 1. Doz. 15c., 100 75c. 1000 \$6.

Tomatoes. Stone and Beauty, in 3 inch pots, ready May 15. Doz. 50c., 100 \$4. 1000 \$30.

Peppers. Ruby King and Cayenne, transplanted, ready May 15. Doz. 20c., 100 \$1. 1000 \$8.

Egg Plants. New York Improved Purple, transplanted, ready June 1. Doz. 35c., 100 \$2.

Egg Plants. New York Improved Purple, grown in 4 inch pots, ready June 1. Doz. 75c., 100 \$5.

Early Celery. Giant Pascal, ready June 25, 100 25c., 1000 \$2.

Sweet Potatoes. Yellow Nansemond and Yellow Jersey, ready May 15. 50 for 25c., 100 40c., 1000 \$3.

Sweet Potatoes. Yellow Vineless and The Blooming, ready May 15. 50 for 30c., 100 for 50c., 1000 for \$4.

Can quote special prices on large lots Cabbage and Celery in July.

VEGETABLE ROOTS.

Asparagus. Good, 1 year old. If by mail add 10c per dozen. Doz. 15c., 100 75c., 1000 \$5. Good, 2 year old. If by mail, add 15c per dozen. Doz. 20c., 100 \$1, 1000 \$7.

Can supply Conner's Colossal, Palmetto and Columbia Mammoth White.

Mint. The true old fashioned mint for seasoning. Per clump of roots 25c. by mail 35c.

Rhubarb. Large Victoria and Early Linnaeus; cut 1 or 2 eyes to each clump. By mail 50c. per dozen extra. Doz. 50c. 100 \$3, 1000 \$20.

Horse-Radish. Cut 4 to 6 inches long. By mail 10c. per doz. extra, 25c per 100 extra. Doz. 10c., 100 60c., 1000 \$8.

Chives. In bunch, sprouted. By mail 5c. each extra. Bunch 15c., doz. \$1.25.

Artichokes. True White Jerusalem. Lb. 10c., 3 for 25c., 25 lbs. at 3c., 100 lbs. \$2.50. Postage extra 10c. per lb.

Sage. One year clumps. Each 20c. Postage 5c. extra.

Tarragon. Highly recommended for Tarragon vinegar. By mail 5c. each extra. Each 20c.

SMALL FRUIT PLANTS.

Prices are for plants by express, not prepaid.

We have facilities whereby we can supply from reliable growers the following stock:

STRAWBERRIES. The following varieties will succeed in any soil that is adapted to ordinary garden crops. The varieties adapted to Colorado are the following: **Jacundas, Captain Jack, Wilson, Sharpless.**

Prices for any above varieties, not prepaid. Dozen for 15c., 100 for 50c., 1000 for \$4. If by mail add 10c for one dozen, 25c for 100 plants. When by express plants are most satisfactory.

RASPBERRIES. The two following varieties will do well on any ordinary soil:

Cuthbert. A remarkably strong and hardy variety. Stands our winters well by covering. Berries are large rich crimson.

Marlboro. Large size, light crimson color. Very fine. An excellent variety for shipping.

Price for either, 12 for 50c., \$2.50 per 100, \$15 per 1000, by express.

CURRENTS. We select these two varieties as being the best producers and perfectly hardy:

La Versailles. Very large red, with long bunches,

Red Cherry. An old favorite. Very vigorous and productive, though bunches are short.

Price. Each 15c., 5 for 50c. Dozen \$1 by express.

GOOSEBERRIES. The gooseberry is a profitable crop in Colorado. We prefer the following American varieties. **Downing.** A large, handsome pale green. Splendid for both cooking and table use.

Houghton. A small roundish berry, though sweet and tender. Enormously productive.

Price. Each 15c., 4 for 50c. Dozen \$1.25 by express.

BLACKBERRIES. The Snyder is unquestionably the hardiest, while the Erie is hardy and very vigorous. Both do well in Colorado.

Price for either, 50c. per dozen, \$2.50 per 100. All by express.

When large quantities of any above are wanted write us in regard to same.

We are often called upon to quote prices on Nursery Stock, such as Apple, Pear, Plum, Peach Trees; also Grape Vines, etc. To all wanting such stock we will be pleased to give names of the several Nurserymen in Colorado who grow their own stock and are striving to give full values. It pays to plant acclimated stock—Western grown.

TREE SEEDS.

PRICE BY OUNCE AND SINGLE POUND INCLUDE POSTAGE. NO PREMIUMS ALLOWED ON TREE SEED ORDERS.

Nurserymen Buying in Quantity Should Write for Nurserymen's Price List.

For timber claims on our prairies, would recommend to plant Black Walnut, Catalpa, Russian Mulberry, Ash, Box Elder, Wild Black Cherry, Honey and Black Locust.

Table showing the number of plants or trees to the acre of given distance:

| Dist. apart. | No. Trees. | Dist. apart. | No. Trees. |
|---------------|------------|--------------|------------|
| 1 foot | 43,500 | 9 feet | 567 |
| 1½ feet | 19,360 | 12 " | 302 |
| 2 " | 10,890 | 15 " | 193 |
| 2½ " | 9,960 | 18 " | 134 |
| 3 " | 4,840 | 21 " | 98 |
| 4 " | 2,722 | 24 " | 75 |
| 5 " | 1,722 | 27 " | 59 |
| 6 " | 1,210 | 38 " | 40 |

FRUIT SEEDS.

APPLE. Apple seeds do not reproduce the same varieties, but an inferior though hardy stock. Upon the stock thus raised from the seed are grafted or budded the cuttings of such varieties as are desired. The seeds can be planted in good soil, any time during the winter in the south, or early in the spring in the north, in rows eighteen inches apart. If the seed is planted in the spring, it must first be frozen, which can be done during the winter by placing layers of seed in the boxes and covering with sand and exposing them to the cold, freezing weather. After freezing the seed must not be allowed to become dry, or many will be spoiled if deprived of all moisture.

American Apple, lb. 50c. } For large quantities ask
French Crab Apple, lb. 50c. } for prices.

MAHALEB CHERRY. The remarks regarding apples are applicable to cherries. This variety is considered the best stock upon which to graft the choicest sorts. Oz. 10c., lb. 60c.

MAZZARD CHERRY. Another variety used extensively for grafting. Oz. 10c., lb. 60c.

PEAR. Sow the seed thickly in the spring in drills eighteen inches apart. The soil should be deep—a rich, moist loam is most suitable. The value of the stock depends largely on a rapid and vigorous growth the first season. Oz. 25c., lb. \$2.

QUINCE. Quinces generally produce the same variety from seed, but occasionally vary. The stock is most used for budding and grafting the pear. The culture from seed is the same as for apples. Oz. 20c., lb. \$2.

MYROBOLAN PLUM. The direction given for apples will apply to plums, except the pits should be planted farther apart in the row. Oz. 10c., lb. 60c.

GERMAN PRUNES. Treated same as preceding. Oz. 10c., lb. 60c.

PEACH. Peach stock are raised by planting the stone, two or three inches deep in the fall. If the stones are cracked they are more sure to grow. The after treatment is about the same as for apples. Lb. 20c., 10 lbs. 75c., per 100 lbs. by freight \$4.

SMALL FRUIT SEEDS.

CURRENTS, GOOSEBERRY, RASPBERRY, [STRAWBERRY AND BLACKBERRY. Pkt. 10c., oz. 70c.

New and rare varieties of small fruits are often obtained from planting seed, however the seed does not produce the same variety.

EVERGREENS.

ARBOR VITÆ, AMERICAN WHITE CEDAR. An evergreen of great value for ornamental hedges. Its timber exceedingly durable, lasting a hundred years in exposed situations without showing any signs of decay. Oz. 20c., ¼ lb. 60c., lb. \$2.

RED CEDAR. Grown in all sections, very valuable timber, a fine ornamental tree. It has become a fact that no other evergreen will stand the dry, hot winds of Nebraska and western Kansas, equal to the Red Cedar, and for wind-brakes around the farm house and stock yards, as well as serving the double purpose of fence posts, the Red Cedar is invaluable; also being symmetrical in growth and readily shaped with the shears, it is one of the most beautiful yard trees. After properly planting out the Red Cedar, it requires less care and will stand more neglect than any other evergreen. Oz. 10c., ¼ lb. 30c., lb. \$1.

ROCKY MOUNTAIN EVERGREENS.

We make a specialty of collecting from the Rocky Mountain districts. Parties intending to purchase quantity will do well to write us for prices.

PICEA PUNGENS, Colorado Blue Spruce. A most desirable conifer, with silver foliage, for lawns. From selected blue trees only. Oz. 35c., ¼ lb. \$1, lb. \$3.50.

PICEA ENGLEMANNI, Englemann's Spruce. Similar to Colorado Blue Spruce. Oz. 50c., ¼ lb. \$1.50.

ABIES DOUGLASII, Douglas Spruce. Rapid growing and ornamental of pyramidal habit. Oz. 40c., ¼ lb. \$1.

ABIES BALSAMEA, Balsam Fir. Its growth is regular, symmetrical and rapid, assuming the conical form when young. Oz. 20c., ¼ lb. 60c.

ABIES CONCOLOR, Colorado Black Balsam. Oz. 20c., ¼ lb. 60c.

PINUS PONDEROSA, Yellow Pine. Grows to an enormous size, with luxuriant foliage. Oz. 25c., ¼ lb. 75c.

SILVER CEDAR. A native variety of cedar, of silvery foliage. Oz. 20c., ¼ lb. 60c.

JUNIPERUS MONSPERMA, Dwarf Juniper. A very hardy trailing evergreen. Oz. 20c., ¼ lb. 60c.

DECIDUOUS TREES.

WHITE ASH. This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. Its growth is extremely rapid, often obtaining a growth of six feet in a single season. It is one of the earliest varieties to transplant or grow from seed, requiring no more care or skill than the ordinary crop of white beans or Indian corn, with the exception that the seed usually lies dormant the first season, but is sure to grow the next year, if the ground is not disturbed. Our seed is Colorado grown. Oz. 10c., lb. 60c.

AILANTHUS, TREE OF HEAVEN. Introduced from Japan. It has been quite extensively planted in our western states, and is noted for its extremely rapid growth. It grows to large size, and the foliage has a rich tropical appearance. Oz. 10c., ¼ lb. 20c., lb. 60c.

BOX ELDER, or ASH-LEAVED MAPLE. A medium sized tree of extremely rapid growth, not usually attaining a height of over thirty feet. The wood is close and fine grained. Oz. 10c., lb. 50c.; 5 lbs. or more not prepaid at 30c. per pound. Our seed is Colorado grown.

DECIDUOUS TREE SEEDS—Continued.

BASS WOOD, or AMERICAN LINDEN. A large tree of rapid growth; wood soft and white; lumber valuable. The foliage is luxuriant and the flowers produce honey in great abundance. Oz. 10c., lb. \$1.

HARDY CATALPA. Of all the trees that have been suggested as adapted to the formation of timber plantations, the Catalpa Speciosa stands pre eminent. Its exceedingly rapid growth; its extraordinary success on the western prairies; the ease and certainty with which it is transplanted; the strong vitality and freedom from disease and insects; the incomparable value of its timber; the most imperishable nature of the wood when used for posts, railroad cross ties, and in other exposed situations, to say nothing of the handsome appearance of the tree, and the unrivaled beauty of its flowers, all point to the Catalpa as the tree to plant. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

TEA'S JAPAN HYBRID CATALPA. A new variety of wonderfully rapid growth, surpassing any other hardy tree. Most valuable and durable timber; very large, handsome foliage and beautiful flowers. Magnificent shaped tree. Endures extreme heat or drouth. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

COTTONWOOD. A very quick growing tree, will grow anywhere, lumber not very valuable. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

WHITE ELM. It is the largest of the native Elms, often growing to the height of eighty feet. The wood is tough and valuable. It is well worthy of cultivation, both for its wood and ornament. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

EUCALYPTUS—BLUE GUM. Remarkably quick growing, especially adapted to southern states. It absorbs malaria and fever germs. Does best when started in small pots, then transplanted to open ground. Pkt. 10c. oz. 35c., $\frac{1}{4}$ lb. \$1, lb. \$3.

YELLOW, or BLACK LOCUST. This variety is noted for its rapid growth of hard and durable timber. It is hardy and succeeds well in many parts of the country, while in some localities it proves a failure. It is worthy of a trial in any locality where it has not already been tested. Oz. 10c., lb. 60c., 5 lbs., not prepaid, \$2.

HONEY LOCUST. This is a large and handsome tree; the trunk and branches generally beset with long and formidable spines, on which account it has been employed as a hedge plant. The wood is heavy and affords excellent fuel, but is not considered durable as a timber. Has done well in our state wherever planted. Seeds ought to be soaked before planting. Oz. 10c., lb. 60c., 5 lbs., not prepaid, \$2.

SUGAR MAPLE. This is one of the highly prized native trees. While other sorts are wanted for special purposes, the Sugar Maple is a general favorite, and no collection would be perfect without it. It is the great sugar tree of America, and its yearly product of sugar and syrup amounts to over \$16,000,000 in value. It succeeds well in all soils and locations, making a stout, vigorous rapid growth of hard wood, most valuable for fuel, and highly prized for manufacturing purposes. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

SOFT or SILVER-LEAVED MAPLE. One of the most beautiful of maples. Is being extensively planted in forests on account of its extremely rapid growth. Its wood is quite soft and light, and the branches are often broken down by the action of the wind and storm. The seed ripens in May, and cannot be kept over until fall and retain its vitality; hence it should be sown as early as possible after it is taken from the trees. Single pound 35c. Can give prices for quantity in May.

PERSIMMON. Tree hardy. Wood very hard and fine grained. It bears plum-shaped fruit, which is very astringent when green, but edible when fully ripe. Oz. 10c., $\frac{1}{4}$ lb. 30c.

RUSSIAN MULBERRY. Said to be the most valuable variety for our climate. It is largely planted by the Menonites in the Arkansas Valley, mostly for silk culture. It is easily cultivated, hardy, a good grower, and if kept in dwarf form will make a fine hedge. The berries of the Russian Mulberry are edible. The trees make good fence posts after five years' growth, and also makes splendid lumber for cabinet work. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

OSAGE ORANGE. A native from Texas, but has been generally introduced over the country from its extensive employment as a hedge plant. The best way to prepare the seed for planting is to soak in a running creek until it commences sprouting, then plant like any other seed. Another way to sprout it is by putting it in a vessel, and covering it daily with warm water, until the sprouts come up. We prefer the first method. Proper time to sow is in April or May. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

PAW-PAW. Too small for any value for timber, but makes a fine ornamental tree, and is also cultivated for its fruit, which resembles the Banana in form and color, and when fully ripe is very delicious. Oz. 10c., $\frac{1}{4}$ lb. 30c.

TREE CRANBERRY, or SNOW BALL. Small tree or shrub. Is ten or twelve feet high at maturity, and produces its showy flowers in large balls or masses in June. Pkt. 5c., oz. 25c.

LILAC. Well-known flowering shrub; highly ornamental. Pkt. 5c., oz. 25c. Seedlings usually furnish blossoms of varied colors.

NUTS.

BLACK WALNUT. One of our most valuable varieties for timber planting. A very large tree of rapid growth. It delights in rich soil and luxuriates in our prairie loams or timber-land clay. Its lumber has a very high market value, and is becoming very scarce. The nuts are a well-known article of commerce. Lb. 20c., 10 lbs., not prepaid, 65c.

SHELL-BARK HICKORY. This species becomes a lofty tree, eighty feet high with a diameter sometimes of two feet. It furnishes most of the hickory nuts of commerce. Lb. 20c., 10 lbs., not prepaid, 75c.

BUTTERNUTS. A tree much admired for its timber and also produces a desirable edible nut. Lb. 20c., 10 lbs., not prepaid, \$1.

NORTHERN WISCONSIN ARBOR VITÆ.

Photographic view of hedge grown from very Small Seedlings, planted a few years ago.

You can have a Hedge 150 Feet Long, and as nice as this one at a total cost of

\$2.00

We have an immense supply of these plants. Order as many lots as you want. We are making a special offer of 200—4 to 8 inch Trees, delivered anywhere for only \$2.00.

An illustrated pamphlet of Planting Instructions will be sent free to every one who accepts this special offer. This little pamphlet will be of great value to many heretofore unsuccessful planters, and by following the instructions given, there need be no failures and every tree can be made to live and thrive.

More than 600,000 of them sold last spring and all are pleased with them. Always shipped separately, and not with other goods. When ordering be sure to write name and postoffice very plainly. No order accepted for less than one lot at these prices. We can ship this evergreen all through late winter, spring, and up to June 10th, with perfect safety. It does not start new growth until after June 15th.



CLOVER SEEDS.

Prices subject to fluctuations. Postage 8c. per pound extra. Market prices on application. Ask for special circular and price list "Grass and Field Seeds."

We pay particular attention to this department of our business. These seeds are selected with reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds fresh, pure and free from noxious and foreign seeds. Our Red Clover, English Blue Grass and Timothy is mostly Kansas grown, the Alfalfa Colorado grown, all recleaned by best machinery to make it choice.

[] On account of the early publication of this Catalogue we cannot make prices on Clover, Grass and Field seeds. These are market articles and prices are subject to variation, but purchasers may depend on having them at the prices ruling from store that date, and of the best quality, and that we will always send as much seed as the money received will pay for. Market prices of the day or special prices on large lots cheerfully given on application. Express or Freight charges always to be paid by the purchaser, except if sufficient money is sent to prepay postage—eight cents per pound. Two bushel bags twenty-five cents each extra.

RED CLOVER.

This species is regarded by far the most important of the whole genus for the practical purpose of agriculture, being valuable not only as a forage plant, but also for its fertilizing properties on the soil. It has very long and powerful tap-roots, and when these roots decay they add largely to that black mass of the matter called soil. As a forage plant it makes an excellent quality of hay, and can be cut at least twice a year. Sow twelve to fifteen pounds to the acre. Lb. 20c., 10 lbs. \$1.75.

MAMMOTH OR SAPLING CLOVER.

Compared with common Red Clover, its flower, foliage and stem are of a darker color. It is valuable when sown with other grasses for mixed hay, as it ripens later than the common Red Clover, and about the time that Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into very general use for sowing purposes. Sow twelve or fifteen pounds to the acre. Lb. 20c., 10 lbs. \$1.75.

ALSIKE OR SWEDISH CLOVER.

This Clover comes from the little province of Alsike in Sweden. It is one of the hardiest varieties known; being perennial and absolutely refuses to winterkill, it is alsike capable to resisting the extremes of drouth or wet. It is a great favorite with bee raisers and its flowers have a sweet and agreeable odor, and afford very excellent forage for bees. Sow five to eight pounds to the acre. Lb. 25c., 5 lbs. \$1.

WHITE DUTCH CLOVER.

An excellent pasture clover, forming in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cows. Much admired in lawns. Sow five to eight pounds to the acre. $\frac{1}{4}$ lb. 10c., 1b. 35c., 3 lbs. \$1.

CRIMSON CLOVER.

Largely grown in the South for winter and spring forage. Also good to turn under as a fertilizer. Being an annual and for fall sowing it is not recommended for the North. Sow fifteen pounds per acre. Lb. 15c., 4 lbs. for 50c, not prepaid.

WHITE BOKHARA OR SWEET CLOVER.

This is a tall, shrubby like plant, growing to the height of four to six feet, with branches whose extremities bear numerous small white flowers of great fragrance. It should be sown in spring, in drills twelve to sixteen inches apart; ten pounds will sow one acre. Lb. 25c., 5 lbs. \$1.

ALFALFA CLOVER OR LUCERNE.

The most valuable forage plant, is particularly adapted for our western climate and soil. It requires a deep, mellow soil; newly broken sod does not do so well. It thrives best on a sandy loam, the richer the better, while it has not proved a success on heavy, compact, clay soil. In the driest and most sultry weather when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from ten to twenty feet to the moisture of the ground. Although a prodigious yielder it does not exhaust the soil, but rather improves the ground by the decay of its long roots, and converts it into rich ground, full of vegetable matter. The seed may be sown early in the spring, as soon as the frost is out of the ground, in order to catch the spring rains, as it needs moisture to germinate. In localities where irrigation is used it can be sown successfully at any time during the summer months. Most of our successful Alfalfa growers prefer sowing the seed broadcast, while others are more in favor of drilling it in. It is more difficult to establish the first year, but will when once started, produce a profitable crop; under favorable circumstances three and even four crops are cut yearly, aggregating five to seven tons to the acre. Never sow less than twenty-five pounds of good clean seed to the acre, as thin sowing produces thick and coarse stalks, not relished by stock. If intended to raise Alfalfa for the seed twelve to fifteen pounds is plenty to sow on an acre. It is worthy of trial in any locality where it has not already been tested. Lb. 25c., 10 lbs. \$2. Ask for latest prices when quantity is wanted.

TURKESTAN ALFALFA.

We have imported, this season a limited quantity for those who wish to make a trial. It is claimed to be more hardy, enduring extreme cold and a wonderful drouth resister. $\frac{1}{4}$ lb. 10c., 1b. 30c. For larger quantities ask for price.

ESPARSETTE OR GERMAN CLOVER.

This is a leguminous plant, with many stems from two to three feet long, straggling tapering smooth; leaves in pairs of pointed oblong leaflets, slightly hairy on the underside; flower stalks higher than the leaves, ending in a spike of crimson or variegated leaves, succeeded by flat, hard pods, toothed on the edges and prickly on the sides; roots perennial, and hard and woody; flowers in July. It belongs to the same family as the Alfalfa, well known to all our Western people. It is adapted for light, chalky soil, sands, gravels and barren regions, where the rainfall is not plenty and irrigation not obtainable. It is not as long lived a plant as Alfalfa, but will last from ten to twenty years, according to the nature of the soil, by judicious top dressing of manure in the fall, the duration may be extended a few years. It is an excellent forage plant, and improves the quality and increases the quantity of milk when fed to milk cows. We would advise early and heavy seeding, and the firming of the soil after planting with a roller. Seed ought to be sown about two inches deep. Scw 30 or 40 pounds per acre. Lb. 20c., 10 lbs. \$1.75.

We have men in our employ who make a study of grasses adapted to our Western country. Write us about your soil.



Red Clover.



Alfalfa Clover.

GRASS SEEDS.

These prices do not include postage. If wanted by mail be sure to add 8c. per pound extra

THE "DENVER" FANCY MIXED LAWN GRASS SEED.

We have made the subject of Lawns a study for many years and this mixture has been prepared and sold by us in all parts of the country, giving general satisfaction. In making a lawn great care should be taken to use only the very best quality of suitable lawn seed so as to produce a SOFT, VELVETY, EVERGREEN SOD.

HOW TO MAKE A LAWN.

The ground should be spaded deeply and thoroughly, and a good compost of decomposed and finely pulverized manure or rich loam spread over the ground. It would be well, also, to give a sprinkling of bone dust. Then use a slanted tooth harrow and a light or medium roller until the soil is smooth, even and firm. Then sow the seed and harrow again and smooth off with a common garden rake. When the grass has grown two or three inches in height, use the lawn mower gauged to cut full one inch above the ground; repeat the same as often as it grows to that height. The weeds and foul grass can be kept down and destroyed by the repeated mowing. If this is neglected they will spread and take possession of the soil, but being constantly clipped, the leaf and seed stalks are destroyed and the foul vegetation disappears.

As a guide for the proper quantity to order, we may state that one pound of Fancy Mixed Lawn Grass Seed is sufficient to thoroughly sow an area of ten feet by fifteen feet—150 square feet; or to cover an acre 65 to 80 pounds will be required. It should be borne in mind that in order to produce the best results, grass seed for lawns should be sown at least twice as thickly as if sown for hay.

As soon as the grass has become well established a dressing of good Lawn Fertilizer is necessary to keep up that beautiful fresh appearance. Our little booklet, Green Velvet, tells all about it. It's free. See page 70, about Fertilizers. Put up in sealed packages. 1/2 lb. pkg. 15c., 1 lb. pkg. 25c., 3 lb. pkg. 65c., 5 lb. sack \$1.00, 10 lb. sack \$2.00, 25 lb. sack \$4.50. Large sacks of about 100 lbs. each, \$16.00 per 100 lbs.



KENTUCKY BLUE GRASS.

The Great American Grass.

The Standard for Lawns.

Our "COLUMBINE" Grade is the Purest Obtainable

The old standard grass for pasture as well as lawns. Every farmer knows it and its good qualities. An old "Blue Grass farmer," of central Kentucky, says about it: "Whoever has limestone land has Blue Grass; whoever has Blue Grass has the basis of agricultural prosperity, and that man, if he has not the finest horses and cattle has no one to blame but himself. He can hardly avoid doing well if he tries." Sow about twenty-five to thirty pounds to the acre for meadow, for lawns sixty-five to eighty pounds per acre.

Our Columbine Grade of Blue Grass is put up in sealed packages. Ask for Columbine. 1 lb. pkg. 15c., 3 lb. pkg. 40c., 6 lb. sack 75c., 10 lb. sack \$1.25, 25 lb. sack \$2.75. Original sacks of about 110 lbs. each at \$10 per 100 lbs. Blue Grass Seed suitable for pasture sowing, \$9.00 per 100 lbs.

CREEPING BENT GRASS.

Especially recommended for lawns at country homes where depending on irrigation. It flourishes where but little moisture. Also good on terraces and sloping ground. 1 lb. 25c., 5 lbs. \$1.

BERMUDA GRASS.

This plant has long been naturalized in the southern states. While it is tender to freezing, it resists dry, hot weather and consequently is a valuable grass to grow over and bind the most arid and loose lands, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Used for lawns in the south as it runs over the ground forming a dense turf. Sow 3 to 5 pounds per acre. 1/2 lb. 35c., 1 lb. \$1.

MEADOW FESCUE OR ENGLISH BLUE GRASS.

Grows two to three feet high, but never in large tufts like Orchard grass. One of the earliest, most nutritious and productive grasses. It is especially suitable for permanent pasture; thrives well in all soils, but to best advantage on moist lands. Makes good hay, and cattle thrive well on it, whether dry or in green state. It succeeds well even in poor soil, and as its roots penetrate the earth twelve to fifteen inches, it is not affected except by exceedingly dry weather, and is as valuable a fertilizer as clover. It is one of the hardiest grasses after a good stand is secured; it will stand more freezing than any other variety. It yields an abundant crop of seed. Notwithstanding its acknowledged merits, this grass has been sown only to a limited extent in this country. It is deserving of much more attention than it has heretofore received from our western farmers. Sow fifteen or twenty pounds per acre in spring. 1 lb. 15c., 8 lbs. \$1.

ORCHARD GRASS.

No farmer should be without a small field of Orchard Grass as in many respects it is superior to all other grasses. It stands the drouth, grows well in the shade, does well in wet or poor ground, and is splendid to prevent worn-out fields from washing. This grass furnishes excellent pasturage three weeks before any other and after close grazing ten days rest is sufficient for another growth. Cows fed on this will produce more and richer milk than on blue grass. It makes a very heavy sod, and when well set remains for many years. It is especially



Meadow Fescue.



Orchard Grass.

adapted for winter grazing, as it remains green all season. Is well suited to sow mixed with alfalfa; on average of 12 lbs. orchard to 8 lbs. alfalfa seed. Sow 20 to 25 pounds an acre. 1 lb. 25c., 5 lbs. \$1.

GRASS SEED MIXTURES—FOR LAWNS, MEADOWS AND PASTURES.

It is a well-ascertained fact that a thicker or more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best.

TIMOTHY.

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses; yields more nutritive matter than any other grass or forage plant. Being an early grass, it is well adapted to spring and summer grazing, and if the fall season is favorable it will grow sufficiently to furnish good fall grazing too. Sow ten to twelve pounds to the acre. Lb. 10c., 12 lbs. \$1.

PERENNIAL RYE GRASS.

A highly esteemed grass in Europe, either for pasture or lawns. It has been more or less cultivated in this country, and has done well wherever tried. Sow early in spring for pasture twenty-five to thirty pounds to the acre. Lb. 15c., 8 lbs. \$1.



Red Top.

A valuable grass for moist soils. It is a good permanent grass, standing our climate as well as any other, and consequently well adapted to our pastures, in which it should be fed close, for if allowed to grow up to seed, the cattle refuse it. On moist, rich soil it will grow two feet, and on poor gravelly soil, about half that height. It has been grown successfully even on "alkali" bottom lands, where other grasses failed. Sow 15 to 20 pounds to the acre. Clean seed, lb. 15c., 8 lbs. \$1.

RED TOP.

TALL MEADOW OAT OR EVER-GREEN GRASS.

The roots of this grass descend deeply into the sub-soil, enabling it to withstand a protracted drouth, and it is green all seasons of the year. Its early growth in spring makes it equal to rye for pasture. It grows quickly after mowing, giving a denser and more succulent aftermath than any of the present popular tame grasses. Sow broadcast twenty-five to thirty pounds of seed to the acre. Lb. 30c., 4 lbs. \$1.

ITALIAN RYE GRASS.

In the nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grass. It is therefore, indispensable for alternate husbandry! but it does not last over two years, it is of no use in permanent pastures. The soil best adapted to Italian Rye seems to be those that are moist, fertile and tenacious, or of a medium consistency, and on such soil it is said to be one of the best grasses grown to cut green, affording repeated luxuriant and nutritive crops. Sow thirty to forty pounds to the acre. Lb. 15c., 8 lbs. \$1.



Johnson Grass.

We find this grass winter-kills in the northern states. In the extreme southern part of this state and the southern states it does well. A perennial, a rapid grower, long, cane-like roots; the leaf, stalk and panicle of this grass resembling those of Sorghums. It grows on any land where corn will grow, and like corn, will bear heavy manuring, yielding richly in rich ground. In fact the richer the land the better the crop. Twenty-five to thirty pounds will sow an acre. Lb. 50c., 8 lbs. \$1.

JOHNSON GRASS.

BROMUS INERMIS OR HUNGARIAN BROME GRASS.

A Wonderful Drouth Resister. A Grass for the Stock Raiser.
All Cattle Like It. Will Drive Out Russian Thistle,
Also Black Mustard.

Extract from Bulletin of South Dakota Experimental Station

While there are other grasses that give a better quality of hay than does smooth brome grass, we have grown none at this station that has given as good returns one year with another. The grass has given paying crops every year for the past five seasons. The yield of seed is good, the hay is of good quality, though coarse when growth has been rank, and the grass promises well for us in permanent pastures. All kinds of stock eat it readily. Immediately after cutting, a fine growth of aftermath springs up which with proper care affords excellent fall and early winter grazing. In fine it possesses more of the qualities necessary for good all-round plant for permanent pastures and meadows than any other grass grown on the station farm up to the present time.

The U. S. Experiment Station at Garden City, Kan., says: "We have grown Bromus Inermis successfully, and we think it is the coming grass for the arid regions of the west. It is green from the middle of March to about November."



Tall Meadow Oat Grass.

Prof. Shaw, of Minnesota, pertinently says: "This grass cannot be obtained too soon by farmers of the northwest." Sow 15 to 25 lbs. per acre, in either fall or spring. Its nature is to stool out and thus does not show its best until the second season. It seldom produces seed the first year. Aside from Alfalfa no grass has fulfilled the promises to our western farmers better than the Bromus Inermis. It meets drouth as well as wet and cold, and for Colorado we know of no grass to equal it. Many of our large ranchers are planting it extensively.

For more particulars ask for special circular. Lb. 20c., 6 lbs. for \$1; 25 lbs. at 12c., 100 lbs. \$11.

When sowing Brome Grass in quantity get the Thompson Wheelbarrow Seeder.



Hungarian Brome Grass.

We have people in our employ who read and write in German, French, and Spanish, thus business can be conducted in these languages if desired.

The Premier Broadcast Hand Seeder Sows any kind of Grass or Grain Seed. Price \$1.50.

MILLETS AND FORAGE PLANTS.

GERMAN MILLET.

No other grass or forage plant has been able to produce the enormous yield of this plant. It has produced from four to five tons of hay to the acre, and from seventy to eighty bushels of seed. It is sown in the spring on newly broken prairie, and after harvesting it leaves the ground in the finest condition for wheat. Sow twenty-five to forty pounds to the acre. Lb. 10c., 10 lbs. 50c.

COMMON MILLET.

It is an annual grass, with tender, juicy and luxuriant leaves, much relished by all kinds of stock; makes good hay, Sow twenty-five to forty pounds to the acre. Lb. 10c., 10 lbs. 50c.

NEW SIBERIAN or RUSSIAN MILLET.

Is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree, all the essential merits of any of the older sorts,—exceeding them by far—besides many other points of excellence that distinguish it and render it a most valuable addition to the list of forages, and if the claims are well founded, destine it to take front rank, if not lead all the rest. The claims made by its introducers are that it is from two to three weeks earlier than the German Millet, is a much heavier cropper, that the hay is much finer, stalks more elastic and growing much taller, that it is rust proof, that chinch bugs do not relish it, and being of stooling habit, requires much less seed per acre. You should try it. Lb. 10c., 10 lbs. for 50c.

Manitoba or Hog Millet.

The seed is very rich and thus especially valuable as a hog food. A very much prized peculiarity of this millet is that the seed ripens while the stem is yet green, thus if cut promptly can be threshed for the seed, while the hay after being threshed will make excellent fodder. Sow same as other millet. Lb. 10c., 10 lbs. 50c.

PENCILARIA.

Immensely productive—95 tons per acre.

A native of Central America. It is an annual plant, having long, broad foliage, and, if allowed to develop fully, will attain a height of from 10 to 12 feet and bear numerous heads from 18 to 20 inches in length and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 to 3 feet, it can be mowed from four to six times, according to the latitude, and yields several tons of dry Hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. For feeding it is equal to any fodder, and is relished by all kinds of stock, either green or dry. $\frac{1}{4}$ lb. 20c., lb. 60c. postpaid. 5 lbs. not prepaid at 40c. lb.

HUNGARIAN MILLET.

This grass resembles Millet very much. It is of fine growth, and makes an excellent hay. It has numerous succulent leaves, which furnish an abundance of green fodder, taken by all kinds of stock. Sow twenty-five to thirty pounds to the acre. Lb. 10c., 10 lbs. 50c.

SANDVETCH (Winter Vetch).

Another forage plant from Europe, highly esteemed there. The Sandvetch prospers in the most barren soils, on those too poor to grow the winter tare. Six tons per acre of green forage have been harvested in one cut in poor silicious soils, with a second cut for seed or for ploughing in green. Sow end of August, alone or with a cereal, rye preferred, as this vetch reaches a height of $3\frac{1}{2}$ to 5 feet high and must have a support. Sow 60 to 75 pounds per acre. If good growth before winter, it may be cut, and again by March 15th. Eaten by all farm stock. Lb. 20c., 6 lbs. $\$1$, 25 lbs. at $\$13c$.

CLEOME or ROCKY MOUNTAIN BEE PLANT.

A native of the west. Perfectly hardy. Perennial. One of the best honey-producing plants. Its blossom is now the emblematic flower of the State Bee-Keepers' Association. Oz. 20c., $\frac{1}{4}$ lb. 45c., lb. $\$1.25$, postpaid.

WILD RICE—For Planting in Ponds.

□ An annual which sows itself in the fall, about the middle of September, lies dormant all winter, in spring commences to sprout as soon as the water gets warm, reaching the surface during the first of June. It grows very rapidly in one to eight feet of water, ripens late in August or early in September. It should be planted early in the fall, before the ice forms, broadcast from a boat, in two or three feet of water having a mud-bottom. It has been successfully planted through the ice in winter and in the spring, but it succeeds best when planted in the fall. As an attraction for wild fowl it cannot be equaled. In large ponds and lakes it purifies the water, affords a refuge for the small fry from the large fish, as well as furnishing the small fry with plenty of food from the animalculæ upon the stocks; for planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. At the South two crops can be cut, and all cattle are very fond of it. Lb. 25c., 5 lbs. $\$1$.

MARKET PRICES.

Whenever you desire to buy Grass Seeds, Seed Grains, Seed Corn, Seed Potatoes, Onion Sets and other seeds in large quantities send us a list of your wants and we will promptly and cheerfully quote you lowest market prices on articles asked for. Always glad to hear from you.

DWARF ESSEX RAPE.

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head, two months, and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground, there would be an aftermath or second growth that would be useful after that time. It does well sown with oats. After the oats are cut the Rape grows rapidly. If the soil is rich and clean sow broadcast: if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed. When sown broadcast, use 8 to 10 pounds, and if in drills, 4 to 5 pounds to the acre. $\frac{1}{4}$ lb. 10c., 1b. 25c., postpaid. By freight or express 10 lbs. 75c., 25 lbs. \$1.50.



Dwarf Essex Rape.

TEOSINTE.

Recommended as one of the most prolific foliage plants in cultivation. The stalk, containing much saccharine matter, is very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce twenty to sixty stalks or shoots, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm in the spring. Requires about four pounds seed per acre. Plant in drills. Oz. 10c., $\frac{1}{4}$ lb. 35c., 1b. \$1, postpaid.



This shows the growth from one root suspended.

AUSTRALIAN SALT BUSH.

This plant comes to us from California, where it has been tested and experimented with to a large extent. The Agricultural Department of the California State University states as below:

"Importing, testing and demonstrating the value of Salt Bush has been accomplished by this department at much expense, combined with both care and labor. Lands that hitherto have laid barren and worthless have been rendered productive and valuable. It can scarcely be conceived that alkali soils, coated with their salts as covered by snow, can be changed in their appearance or constituents, yet such is being accomplished most satisfactorily and with little expense by the use of Salt Bush. Already thousands of acres of arid and alkali lands have been reclaimed by seeding it to this valuable plant. The transformation has seemingly something of the miraculous about it."

One of our men made a special trip to the district in California, where Salt Bush is raised. He examined it carefully. We are satisfied that it has merit, and for alkali districts in warm localities the plant will do wonders toward purifying the soil. Oz. 15c., $\frac{1}{4}$ lb. 50c., 1b. \$1.25, postpaid; 10 lb. lots at \$1.00 per lb., not postpaid.

NON-SACCHARINE CANES.

The Great Drouth-Resisting Crops.

All these varieties bear dry weather well. In weight of grain they will make more per acre than the same land will make of corn. Some mills have been grinding the grain for flour with good success. In the way of dry forage they make enormous returns, at a cost less than the cost of gathering alone of corn fodder. Their cultivation is as simple as that of corn. After it is well cured, stack it or house it as you would ordinary corn fodder, or let it stand in the field until wanted for use. Of all these, 3 to 5 lbs. will plant an acre. For fodder, sow 25 to 50 broadcast.

WHITE KAFFIR CORN. It grows from four to five feet high making a straight, upright growth. It has a stalky stem, with enormous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle and horses. The seed heads form at the top of each stalk, and as soon as these show the grain well, the joints next below the top send up shoots which yield the second seed heads. For the grain sow in rows three feet apart. Lb. 10c., 5 lbs. 25c.

RED KAFFIR CORN. This grows taller than the white; the stalks are slenderer, but more juicy and very leafy. The heads are long, slender, compact and grow erect; they measure from one to two feet. The seed is red, smaller than that of the white, and rather hard and brittle. It does well on poor land and yields well. It ripens a little earlier than the white variety. Lb. 10c., 5 lbs. 25c.

JERUSALEM CORN. It is pronounced the best and surest grain crop for dry countries and seasons, even better than Kaffir Corn and Milo Maize. It grows about three feet high, makes one large head on main stalk and several smaller heads on side shoots; have seen as high as eight heads on one stalk. The grains are pure white and nearly flat. Lb. 10c., 3 lbs. 25c.

MILO MAIZE. Growth is tall—nine to twelve feet, stooling from the ground. It sends out shoots also from the joints. Seed heads grow to great size, often weighing three-fourths of a pound, sometimes a full pound after ripe. On account of its branching habit this grain should be planted in rows, and two to three feet apart. We have both yellow and white. Lb. 10c., 3 lbs. 25c.

BROWN DOURHA. Similar to the Jerusalem Corn. Grain same size and shape, but of brown color, instead of white. It withstands dry weather better than Kaffir Corn and Milo Maize, and is a sure cropper every year. It is raised more for grain than for fodder. It yields immensely. Lb. 10c., 3 lbs. 25c.

Add postage, 8c. per lb., if wanted by mail.



Kaffir Corn.

MISCELLANEOUS FIELD SEEDS

Postage 8c. per pound extra.

Prices subject to market changes.

Ask for latest Price List Grass and Field Seeds.



SILVER HULL BUCKWHEAT.

This imported variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent, and the grain of a beautiful light-gray color. The flour is said to be better and more nutritious. Lb. 10c., 10 lbs. 60c.

JAPANESE BUCKWHEAT.

This new variety has been raised here with good results. It is early and very productive. The kernels are twice the size of any other buckwheat, of a rich dark brown color and manufactures a superior flour. Owing to its branching character only one-half as much seed is required per acre; while the straw is much stiffer and stands up better. Lb. 10c., 10 lbs. 60c.

BROOM CORN.

There are many farmers who might make this a very profitable crop; an acre will give about 500 weight of broom and nearly forty bushels of seed, worth nearly as much as oats for feed. It requires similar soil and culture to corn, but should be planted later, and it pays best to have the ground in prime condition. It is frequently planted in drills three and one-half feet apart, leaving the plants six inches apart. 4 to 6 lbs. will plant an acre.

EXTRA EARLY JAPANESE BROOM CORN.

This is the earliest broom corn in existence, matures in about seventy-five days when planted late. Have seen some that was planted on July 17 and ready to cut October 1. Can be planted after wheat with good success, so making two crops of the same ground. It is just the kind for an early market. It has withstood dry weather better than any other variety. Brush is fine and long. Lb. 15c., 5 lbs. 50c., 10 lbs. for 80c.

IMPROVED EVERGREEN BROOM CORN.

This Broom Corn grows about eight to ten feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its great value is that it will not get red in the field before it is cut, but is strictly a green variety of brush, commanding high price. Lb. 15c., 5 lbs. 50c., 10 lbs. 80c.

MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value. Every farmer should plant some of the seed in any waste place of ground any time from early spring up to the middle of July. It is a wonderful improvement on the old native Sunflower, and besides the great value of the seed as poultry and stock food, its leaves making capital fodder, while its strong, thick stalks can be profitably used as feed. Three pounds of seed will plant one acre. Selected seed, $\frac{1}{4}$ lb. 10c., 1 lb. 25c., postpaid; 5 lbs. not prepaid, 50c.

SORGHUM OR EARLY AMBER CANE.

Dairy farmers say that the Early Amber Cane is the most valuable fodder plant in existence for their use. Notwithstanding its great adaptability as food for live stock, it is only quite recently that the real value of sorghum (or sugar cane) has attracted general attention. Its great merit is now beginning to be appreciated and the demand is increasing about ten fold every year. It is profitably grown anywhere from Manitoba to Mexico, on any good corn ground, and is but little affected by drouth. It is of the very best quality, being sweet, tender, nutritious and greedily eaten by cattle, horses and hogs. Dairymen find that the cows will give more and richer milk from its use, and it is claimed that as high as 10 tons of green fodder have been grown per acre. It can be cut several times during the season if not allowed to get too high, and especially for hogs. Our supply of seed is Wisconsin grown and free from weevils. Sow about 120 lbs. per acre.

Mammoth Russian Sunflower.

makes good sweet hay. Sow 100 lbs. per acre for best results. Is a profitable crop also to grow for the seed which is excellent for feeding poultry, and is very frequently ground and substituted for buckwheat flour. Price subject to market change. Lb. 10c., 4 lbs. for 25c.

Cane Seed for Fodder. When sown for fodder it should be sown very thickly, 60 lbs. per acre is none too much. Cut when the stock is well filled with sweet sap—don't allow to mature. It will cure nicely and make excellent stock feed. Ask for price stating quantity wanted.

FIELD PEAS.

Too much can not be said in favor of growing Field Peas for stock feeding, especially in Colorado. The crop flourishes in altitudes high as 7,000 feet and even higher. The yield of pea hay in the San Luis Valley is tremendous—a very important and profitable crop. As a hog feed it leads among the leguminous crops. Our Agricultural College has made experiments in different localities and thus now urge our farmers to grow pea hay for stock feeding and especially for hogs. Our supply of seed is Wisconsin grown and free from weevils. Sow about 120 lbs. per acre.

Green Canada, the popular variety. Lb. 10c., 3 lbs for 25c., 10 lbs for 65c., 25 lbs for \$1.25.

White Canada or Golden Vine. Same price as Green Canada.

For a Good Lawn ask for our "Denver" Lawn Grass Seed.

SPANISH CRASS PEAS.

Through the ravages of the pea bug this variety has come as a great blessing to pea growers in some parts of the north. It has proven itself to be absolutely bug proof. It is very productive, producing from 30 to 35 bushels to the acre, and 2½ tons of the very finest straw with an average length of three feet. The peas are angular in form and very hard, and of the very best feeding quality. The pea being small and the straw of branching habit it requires but 75 lbs. to sow an acre. Lb. 15c., 5 lbs. 60c. Ask for price when wanting quantity.

WHIP-POOR-WILL COW PEAS:

This is not exactly a pea, but more properly belongs to the bean family. It is becoming known to the north, also as a highly valuable fodder and fertilizing crop. It requires a full season to mature it. If desired the pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder; the stalk and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas, and thus made into a fertile loam. Plant in a thoroughly pulverized soil. If wanted to plow under for manure, sow with a grain drill, in drills a foot apart. If grown for fodder or the seed, plant three and a half feet apart and cultivate thoroughly. The seed must not be sown until the soil has become thoroughly warm. Sow from 60 to 90 lbs. per acre. Lb. 10c., 10 lbs. 80c.

FIELD BEANS.

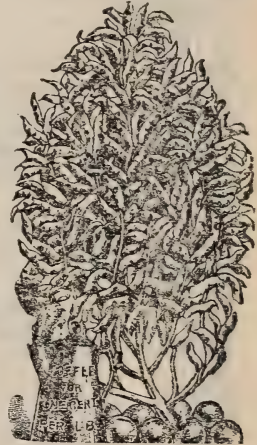
We often wonder why our farmers do not plant more beans for market. They are almost a sure crop in much of our fertile west and Colorado grown beans always command a premium price in our markets. Each season there are many car loads shipped into our market from the Pacific Coast. Why not put in a few acres this season.

WHITE NAVY. The standard white bean, of medium size. Plant in drills, so as to cultivate with a horse, 25 to 30 lbs. enough for an acre. Lb. 10c. See market price for quantity.

MEXICAN BEANS. This is the popular bean with the Mexicans and now is grown extensively throughout Colorado, New Mexico and Arizona. The yield is tremendous. We advise a liberal planting. Lb. 10c. See market price for quantity.

EARLY SOJA BEANS —Coffee Berry, also called Soy Beans.

During recent years this variety has been largely sold under the name of German Coffee Berry at extremely high prices, but we prefer to offer it under its correct name. The berries ripen in about three to four months from the time of planting and produce a crop of twenty to forty bushels to the acre and are as easily grown as other beans. When roasted and ground it closely resembles coffee and tastes quite similar. Some mix half and half with coffee when using and claim it is superior. Its great value to the farmer lies in the fact that when ground it makes one of the most valuable crops for feeding stock and adds greatly to the milk production. The ordinary soja beans are too late to mature here but this variety ripens in all the northern states, where it has been grown over four feet in height, heavily podded with seed and yielded over ten tons per acre. It is a valuable fodder variety either for feeding green or for the soil. Being a rich nitrogenous feed, it is unsurpassed as a flesh former, and like the clovers, is a soil-improver, deriving its nitrogen from the air. Plant in drills two or three feet apart and one foot between plants. ¼ lb. 10c., 1 lb. 15c., 2 lbs. 25c. See market price for quantity.



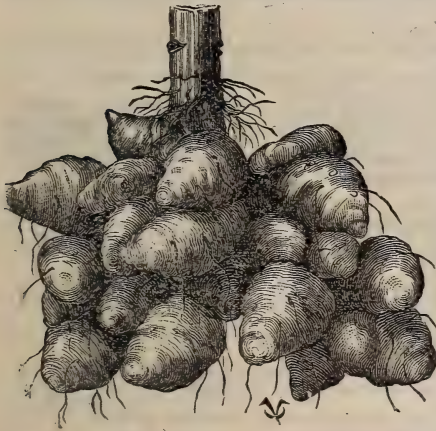
Early Soja Beans.

LENTILS.

A leguminous annual that flourishes in dry sandy soil. Easily grown in Colorado. The dry seed is extensively used for soups and forms an important import article that can be produced in this country to a profit. Lb. 15c., 5 lbs. 60c.

JERUSALEM ARTICHOKEs.

A well known vegetable, is produced from tubers resembling potatoes; it makes an excellent food for stock. Flourishes best in light, rich soil, when an open exposure, but it will resist any degree of cold incident to the United States. They are planted like potatoes, and as early as the ground will permit, until May. They can remain in the ground all winter as frost does not hurt them. They yield heavy, from 500 to 1000 bushels per acre. 300 lbs. will plant an acre when cut like potatoes. Lb. 10c., 3 lbs. 25c. postage 10c. lb. extra; 25 lbs. 75c., 100 lbs. \$2.50, 250 lbs. \$2.25 per 100; 500 lbs. or more at \$2 per 100 pounds.



Jerusalem Artichokes.



Peanuts.

PEANUTS.

The peanut thrives and produces best on a light, sandy, fertile soil with a good clay subsoil. It possesses a long tap root, which extends deep into the earth, drawing thence the nutriment which is beyond the reach of many of our cultivated crops.

The soil should be deep and mellow, and well broken up, so as to be ready for planting soon after frosts are over. April is a suitable time. They may be planted in the pod, or shelled, two in a hill; it is best to drop about four in a hill on the level ground, the rows being laid off three and one-fourth feet wide, and the hills two feet apart; cover them two or three inches deep. When they come up thin them to two in a hill, and if there be any vacancy transplant. It is better to plant them level than in ridges, as they are less liable to suffer from drought. Successfully raised in southern Colorado. Lb. 20c., 2 lbs. 35c., 5 lbs. 70c. postage extra.

SPANISH PEANUTS. The earliest variety grown, pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. ¼ lb. 15c., 1 lb. 25c., 3 lbs. 60c.

If any of the above seeds wanted by mail add 8c. per pound for postage.

SEED WHEAT, BARLEY, OATS AND RYE.

We give special attention to our grain seeds, procuring from reliable growers who select for seed. Our process for cleaning is near perfect. When grain seeds are shipped in seamless sacks we charge 20 CENTS EACH EXTRA, and will refund price of same should sacks be returned to our store. For prices see price list of "Grass and Field Seeds," mailed on application.

WHEAT.

Quality and purity in seed for wheat is very essential, more so, perhaps than any other grain seed. All the following varieties are Colorado grown.

Sow 60 to 80 lbs. per acre, according to condition of soil, etc.

WHEAT-SPRING.

SONORA. Light colored small kernel, medium hard. A variety much liked by our Northern Colorado millers.

DEFIANCE. An old popular variety, medium hard, red kernel. Our seed this season averages better than for years before. Now is a good chance to procure a pure stock.

BLOUNTS NO. 16. This is the most popular variety in Colorado. It is a medium soft, rather light color; no beard; does not shell out easily when gathering. In many localities is used as a Fall Wheat—a combination that no other variety has.

MACARONI WHEAT. A wheat that will grow where other varieties fail. A variety that contains a great per cent. of gluten.

This is no longer an experiment in Colorado. Last season many sowed it on our recommend and all speak favorably of its merits. We predict a great future for it. Several reports were made where Macaroni yielded double other varieties in some localities. Forty to forty-five bushels per acre reported by some. It does well on alkali soils and produces crops in dry seasons where others fail. More of our farmers should try it. Millers in Kansas and Nebraska have already put in special machinery for grinding it. Price. 5 lbs 25c., 25 lbs. \$1. Ask for quantity prices.

WHEAT-WINTER.

It has been demonstrated by many of our largest wheat raisers that Winter Wheat is a safe and profitable crop in most parts of Colorado.

TURKEY RED. A medium hard red variety, bearded, producing long heads. It is less likely to shell out in handling than other varieties. A heavy yielder. Our seed this season grades 62 to 64 lbs. per bushel.

RED CROSS. Is a medium size grain of a variable red color, with many kernels of light shades. Is a remarkable good yielder though shells rather freely. A variety well liked by millers.

SILVER KING. A new variety highly recommended by millers. Supply is limited. We think it worthy of a trial.

Kill the Smut by using Blue Vitriol, dissolving 2 to 2½ lbs. in water which is enough to soak one thousand pounds of seed before sowing. For price see "Insecticides," page 80.

SPELTZ OR EMMER WHEAT.

A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drouth-resisting wheat, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land in stony ground. The Experiment stations of both the Dakotas report that it resists drought better than oats or barley. All animals eat it green greedily and are fond of the straw. It will undoubtedly become a regular and valuable crop for stock feed. Sow 70 to 80 lbs. per acre very early, same as barley or oats. Our seed is Colorado grown—acclimated. Price. 5 lbs. 25c., 25 lbs. 65c. For larger quantity ask for latest "Price Current."

BARLEY.

Sow 60 to 90 pounds per acre.

It is an unquestionable fact that Colorado produces Barley much brighter in color than countries having much rain. We raise it exclusively by irrigation.

SCOTCH (both four rowed and six rowed). This is the staple variety where grown for brewers. It is equally as well for feeding, not having as long beard as some other kinds.

NAKED or BEARDLESS—or WHITE HULLESS. This is decidedly distinct from the malting variety, having no beard and shelling off its hull same as wheat, in fact some people have mistaken the grain for wheat. It is the best of all barleys for feeding and is rapidly taking the place of spring rye. Grows very rank and vigorously, and thrives even at altitudes of 8,000 to 9,000 feet. We have never yet had enough to supply all demands. You should secure your supply early. Does not require as much to sow an acre as other varieties.

OATS.

Sow 50 to 65 pounds per acre.

No crop gives better results by change of seed than oats. If you have been re-seeding the same strain for several years, now is the time to change. Do not compare our select strains, re-cleaned, with the common oats frequently offered as seed oats.

NEW MARKET. A variety imported two years ago by Mr. Grubb, who saw the original stock growing in Scotland. This last season we found it to be all that was claimed for it. We heartily recommend it to Western Farmers. 10 lb. sk. for 80c., 32 lb. sk. for \$1.50, 64 lb. sk. for \$2.75.

WHITE RUSSIAN. Straight head. This is the staple variety. Yields well and fills out plump. Our stock of this is Nebraska grown, and is just what is wanted in high altitude countries.

WHITE SIDE OATS. Similar to White Russian except heads bend to one side. Becoming popular in Colorado.

BLACK RUSSIAN. Liked in Colorado as it does not become as hard as other varieties. Produces well. Its color resembles wild oats, however, far from it in quality and nature of growth.

RED RUST PROOF OATS. Not extensively grown, though highly recommended by those who have grown it. It is a sure cropper and rust proof. In some localities sown in fall, similar to winter oats.

WINTER TURF OATS. For fall sowing. They are rust proof, and are adapted to light and heavy soils, and will stand the coldest freezing. When sown early their roots strike down from ten to twelve inches deep, which insures them from winter killing, and ready in the spring to grow up, while spring oats are not sown on account of wet weather. Their deep rooting and stooling properties enable them to afford more fall and winter grazing than any known plant.

RYE.

Sow 60 to 80 lbs. per acre.

SPRING RYE. Grows very quickly. Please note that in offering Spring Rye we offer what is furnished us as spring rye, but make no guarantee for same.

FALL or WINTER. This is the sure crop for dry country ranches.

GIANT RYE or CORN WHEAT. A grain much talked about at the several Agricultural Experimental Stations. Sample lots have been sent out from Washington and thorough trials made in different parts of Colorado. The grain is a handsome large berry, yields well and is worthy a trial. Our supply is from Government experimental stock. Price. 1 lb. 10c., 2 lbs. 25c., 10 lbs. 65c. Ask for price on larger quantity.

FREE. A card giving the weight per bushel and quantity for an acre of the more common field and garden seeds. Ask for it when ordering seed.

BE SURE to ask for latest Price List of Grass and Field Seeds before you buy. This is issued once a month and gives selling values.

Clean your grain thoroughly before taking it to market. You will save the price of a machine in a very short time. We use several in our warehouse and heartily recommend THE CLIPPER GRAIN AND SEED CLEANER.



CONCENTRATED FERTILIZERS.

These fertilizers contain in a concentrated form the plant food necessary to grow nutritious farm products in large quantity per acre at lowest possible cost in time, labor and money. They are quick in action. Do not contain weed seeds and are easily applied. We have now put up for us special brands. If you order by these names you will make no mistake. You will be wise in ordering liberally.

LAWN FERTILIZERS.



Root of Grass showing need of fertilizer.

Lawn grass is a voracious feeder, and will not thrive and hold its beautiful dark green color and velvety appearance unless it is suitably fed. The lack of this one requisite causes many poor and rusty looking lawns. Do not use barn manure as it is apt to contain objectionable grass seed and noxious weed seeds, which you will have to fight for years to come. It cannot be evenly distributed the result being that one spot is over-nourished while the next is starved. All these objections are obviated by using our Commercial High Grade Fertilizers.

"GREEN VELVET" LAWN FERTILIZER.

50 pounds is sufficient to cover 1,000 square feet of lawn.

It is the most successful and surprising growth tonic you can imagine. It acts quickly yet is lasting—for all seasons. It is compounded by practical chemist who make fertilizers a study. It contains a number of rich plant foods, just the materials required to build up strong, vigorous grass shoots and makes a luxuriant green carpet grass. To get a good lawn begin early in spring, rake over bare places and sow good seed, then apply the fertilizer by throwing it broadcast evenly, after which soak with water. It is a Lawn Fertilizer with a guaranteed analysis—it is printed on every 50 and 100 lb. sack. 4 to 5 per cent. ammonia; 9 to 10 per cent. available phosphoric acid; 3 to 4 per cent. potash. 10 lb. sack 50c., 25 lb. sack 90c., 50 lb. sack \$1.50, 100 lb. sack \$2.50.

The little booklet entitled "Green Velvet" is free and tells all about this lawn fertilizer.

THE "DENVER" LAWN FERTILIZER.

This is a good article for the price, being made expressly for our trade. (Other makes called "Denver" are not our formula.) It contains 3 to 3½ per cent. ammonia, 8 per cent. available Phosphoric Acid. With this an application is not as lasting as Green Velvet, yet it gives splendid results for a single season. 50 lb. sack \$1.25, 100 lb. sack \$2, 500 lbs. for \$8.75.



Root of Grass showing the effect of using our Lawn Fertilizer.

VEGETABLE GROWER—No. 271.

This is made especially for garden truck where a quick vegetable growth is desired, such as Radish, Lettuce, Cauliflower, etc. It contains 2 per cent. of Ammonia, with fully 7 per cent. of available Phosphoric Acid. For quick acting we have nothing better. Price, 100 lb. sack \$1.50. 500 lbs. \$7. 1000 lbs. \$13. 2000 lbs. for \$24.

FRUIT AND ROOT CROP SPECIAL—No. 282.

While this contains about the same per cent. of Ammonia as the Vegetable Grower it also has a greater per cent. of available Phosphoric Acid and likewise a greater per cent. of Potash, making it quick acting, yet more lasting and especially for strawberries and all small fruits. It is good for garden crops which require a full season, such as Beets, Carrots, Onions, Melons, etc., also Potatoes. Price, 100 lb. sack \$1.75. 500 lbs. \$8. 1000 lbs. \$15. 2000 lbs. \$28.

GRAIN GROWER—No. 2-10-2.

With a high per cent. of available Phosphoric Acid it is well adapted to all grain crops, particularly Wheat, Oats and Corn. Price, 100 lb. sack \$1.75. 500 lbs. \$8.50. 1000 lbs. \$16. 2000 lbs. \$30.

SUGAR BEET SPECIAL—No. 386.

This is the fertilizer that brings the greatest returns of any. The analysis indicates its quality. Having 3 per cent. available Phosphoric Acid and 6 per cent. pure sulphate of Potash, it imparts to the Sugar Beet the very elements needed for best results. It is likewise most excellent for Fruit Orchards. For increasing the yield of Potatoes it has no equal for the price. Price, 100 lb. sack \$2. 500 lbs. for \$9.50. 1000 lbs. for \$18. 2000 lbs. for \$35.

PURE FINE BONE MEAL (Dust.)

Is strictly pure bone ground fine. Decomposes rapidly and yet is available as a good fertilizer through second season after using. For use in green houses, also for growing plants, roses, etc., likewise lawns. Price, 50 lb. sack \$1.25, 100 lb. sack \$2. 500 lbs. for \$8.75.

FRUIT TREE FERTILIZER—XX Bone Meal.

This supplies the proper elements for Apple, Cherry, Plum and Peach Trees. It consists of pure bone sufficiently treated to enable it to dissolve readily yet not too rapidly. Its analysis is much in its favor for Colorado fruit growers —2 to 3 per cent. Ammonia, 15 to 18 per cent. available Phosphoric Acid. Per 100 lb. sack \$1.75. 500 lbs. for \$8.50. 1000 lbs. for \$16. 2000 lbs. for \$30.

NITRATE OF SODA.

Being one of the strongest fertilizers known, great care should be exercised in its use. Booklets telling its uses and advantages mailed free. Price, lb. 10c., 3 lbs. 25c., 10 lbs. 60c., 25 lbs. \$1.25. 100 lbs. \$4.75. Original sacks of 250 to 300 lbs. at \$4.50 per 100 lbs.

LAND PLASTER.

Applied as a top-dressing for grass and grain crops increases the growth and yield of same very largely. It is also of decided benefit to use when planting potatoes, in connection with other fertilizers or manure, and its liberal use in stable, cattle stalls, poultry, houses and on manure piles will prevent escape of ammonia, increasing the value of the farm manure amazingly. Its great usefulness, cheapness and effectiveness should make it universally and liberally used on every farm. Price, 100 lbs. 75c., 500 lbs. for \$3, 1000 lbs. for \$5, ton for \$9.

WALKER'S EXCELSIOR PLANT FOOD.

Just what your house plants need. It is odorless and is safe to use. Dissolves readily in water, and takes the place of liquid manure. Each package contains full directions. A valuable booklet, "The Window Garden," free with purchase if asked for. Price, ½ lb. pkg. enough for 20 plants 3 months, 15c., by mail 25c., lb. pkg. 25c., by mail 40c.

JAPANESE PALM FOOD.

Produces a luxuriant foliage of rich texture on ferns, palms, rubber plants, etc. Price, 25c., by mail 35c.

The best machine for drilling Fertilizer with seed is the PLANET JR. No. 21 HILL AND DRILL SEEDER, with Fertilizer Drill Attachment. Price, \$18.00.

INSECT DESTROYERS AND SPRAYERS.

Liquids cannot be sent by mail. When powder insecticides are wanted by mail postage must be added at rate of 16c. per lb

Each year proves the importance of spraying fruit trees and plants in order to destroy the insects and secure a good crop of fruit. The largest and most successful fruit growers are the most enthusiastic on spraying. It will pay you to invest in spraying apparatus if you have only one fruit tree. The spraying of apple and plum trees is especially recommended. Will furnish table giving formula for making mixtures and directions for application of same on request.

ANT EXTERMINATOR. A non-poisonous powder which will kill or drive away ants from lawns. Box 25c., by mail 30c.

BORDEAUX MIXTURE. Concentrated liquid. Prevents black rot, mildew and rust. Qt. can size 40c. Gallon cans \$1. 5 gallon cans \$4.50. In powder form: Lb. can 25c., by mail 40c., 5 lb. can \$1 by express.

CHLOROLEUM. Non-poisonous yet very effective in ridding lawns of ants. Drives roaches away. Makes a very satisfactory disinfectant and antiseptic. Small size bottle 25c., large size 50c. Qt. cans 75c., 2 qt. cans \$1.25, gallon can \$2.

FIR TREE OIL. A most popular and best all-round insecticide for green house and house plants, especially for mealy bug, scale, red spider, black and green aphids, thrip, lice, worms and slugs. Full directions with each bottle. Small bottle 25c., 1/2 pt. 40c., pt. 75c., qt. \$1.25, gallon \$4.

KEROSENE EMULSION. For plant lice of any kind, cabbage worms, scales, insects on trees, etc. Recommended especially for maple tree scale. Ready for use by adding 25 to 50 parts water to 1 pint emulsion. Qt. 40c., gallon \$1, 5 gallon can \$4.50.

NIKOTEEEN APHIS PUNK. Special preparation for extermination of green and black fly, thrip, etc., in green-houses and conservatories; also effective in killing caterpillars on shade and fruit trees. Pkg. of 12 rolls 60c., post-paid 70c.

SULPO-TOBACCO SOAP. This popular insecticide gives excellent satisfaction, and never fails to quickly exterminate all insect life on plants, flowers, shrubs, etc. It is cheap, effective, clean and harmless. 3 oz. cake makes 1 1/2 gallon of prepared solution, 10c., by mail 13c. 8 oz. cake makes 4 gallons, 20c., by mail 28c. 10 lb. box \$3.

SLUG SHOT, HAMMONDS. Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms; cabbage lice and worms; fleas, beetles and striped bugs on melons, turnips, beets, onions, etc.; canker worms and caterpillars on fruit and ornamental trees. 1 lb. cartoon, 15c. 5 lb. pkg. 40c., 10 lb. pkg. 75c., 25 lbs. \$1.50.

BLUE VITRIOL (Sulphate Copper). In crystals ready to dissolve. 2 lbs. 25c. 5 lbs., for 50c. 12 lbs. for \$1. When wanting large quantity ask for prices.

SAL SODA. Crystal Brand. Manufactured expressly pure for use in compounding insecticides. 5 lbs. for 25c., 50 lbs. for \$1.50. 100 lb. box \$2.50. When wanting larger lots ask for market price.

TOBAKINE PRODUCTS.

Tobacco when correctly applied is a very effective insecticide. It is concentrated and properly prepared in "To-bak-ine."

TO-BAK-INE FUMIGATING PAPER. A slow burning paper especially prepared and thoroughly saturated with pure nicotine, making its vapors sure death to Aphids, Red Spider, Thrip and all insects infesting greenhouses. It will not injure the most delicate flower. Per box of 12 rolls 60c., by mail 70c. Per case of 144 rolls \$6.50, not prepaid.

TO-BAK-INE LIQUID. A concentrated solution of nicotine, containing definite amount adjusted by chemical assay. Contains no ammonia. May be used as a spray or vaporized. 1/2 pint can \$1.10, 1 pint can \$2. Can not be mailed.

TO-BAK-INE FUMIGATING POWDER. This powder is superior to tobacco dust, having the ammonia extracted and positively contains no adulterations. 50 lb. sack for \$2.25, 100 lb. sack for \$4.

For full information regarding these products ask for booklet "Words of Wisdom."



SLUG SHOT DUSTER.

Can be used for sifting on any powder insecticide. Perforated bottom. 1/2 gal. size, each 35c.

WHITE ARSENIC. (Commercially Pure.) We buy this direct from producers. Ours is positively pure and superior to much that is offered fruit growers. 5 lbs. for 50c., 50 lbs. for \$4, 100 lb. box for \$7.50, 400 lb. keg at \$7 per 100 lbs.

WHALE OIL SOAP. Used in the greenhouse, nursery, and anywhere that insect life exists. Per lb. 15c., 5 lb. can for 60c., 50 lb. box for \$4, 100 lb. box \$7.50.

WHALE OIL SOAP SOLUTION. Dissolve 2 ozs. of soap to 1 gal. of water for all small fruit, in fact all small fruit plants. For large fruit trees, shade trees, etc., use 3 ozs. of soap per gallon.

TOBACCO DUST. To drive off green lice in hotbeds. Lb 10c., 5 lbs. 25c., 25 lbs. \$1, 100 lbs. \$3.50.

TOBACCO STEMS. For fumigating. 10 lbs. for 40c., 25 lbs. for 75c., 100 lbs. for \$2.50.

POWDERED SULPHUR. Lb. 10c., 4 lbs. 35c., 10 lbs. 50c., 25 lbs. \$1. Large quantities at market price.

PERSIAN INSECT POWDER. Pure "Diamond C" grade—none better. Don't be deceived by any low-priced article. 1/4 lb. 20c., 1/2 lb. 30c., 1 lb. 50c., 5 lb. pkg. for \$2.25.

PURE PARIS GREEN. Sealed pkgs. 1/4 lb. 10c., 1/2 lb. 15c., 1 lb. 25c., 5 lb. can for \$1. Large quantity at market price.

PARIS GREEN SOLUTION. For small fruit, also for cherries, plums, peaches, apricots, etc., dissolve 4 ozs. Paris Green to 60 gallons of water, add to this ten pounds of fresh slacked lime. For apples, pear and all shade trees 8 ozs. of Paris Green to 60 gallons water to 15 lbs. of lime. The lime is very necessary to prevent burning of the leaves. It also helps to make Paris Green more soluble.

LONDON PURPLE. Sealed pkgs. 1/4 lb. 15c., 1 lb. 25c., 5 lb. can for \$1.

WHITE HELLEBORE. For currant worms, etc. 1/4 lb. 15c., 1 lb. 25c., 5 lb. pkg. for \$1.

ARSENATE OF LEAD. An effective insecticide for leaf-eating insects and particularly suitable for very tender foliage, being perfectly safe to apply in any strength without danger of scorching. Will not wash off by ordinary rains. It is now the most popular and successful insecticide used in the popular fruit districts of Colorado. Use 6 lbs. to 100 gallons of water. Any of our spray pumps with fine nozzles will apply it. 5 lb. cans \$1, 10 lb. cans \$2 20 lb. cans \$4, 50 lb. kegs \$9, 100 lb. kegs \$16.

THIS "JUMBO" gun is designed for use with our fine Persian Insect Powder; also the various powder insecticides. Holds four ounces. Will outlast several of the cheaper guns.

Price 25c., postpaid for 60c. Small size, "STAR," holds two ounces. 10c., by mail 15c.



BELLOWS.



For powder. No. 14, holds 4 oz. Each.....\$1 05
For powder. No. 19, holds 8 oz. Each.....1 20
Woodson's Liquid Sprayer Bellows. Throws a fine mist spray. Each.....2 00



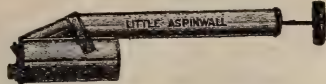
Distribute any dry powder, Paris Green, etc., to perfection. Reservoir holds nearly a quart of powder. Machine weighs 6 lbs. One packed in a case complete, three tubes, five nozzles and strap. Price, complete, \$5.50.



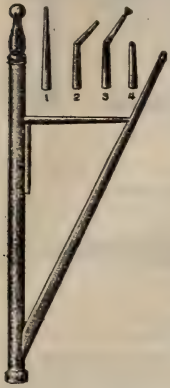
SPRAYERS AND PUMPS.

THE LITTLE ASPINWALL.

The best low priced tin sprayer on the market. It throws a spray as fine as steam, and is very useful for applying Liquid Lice Killer in cracks and



crevices about the poultry house, roosts, nest boxes, etc.; also about the hog pens. It is more economical of the insecticide than a paint brush or other means of application. For applying insecticides onto rose bushes, shrubs, etc., it is unequalled. Price 75c., by express. Can be mailed for \$1.



NOVELTY TIN SPRAY PUMP.

Is used in a bucket. Has four nozzles. Is especially adapted for throwing insecticides on bushes, whitewashing chicken houses, etc., also washing windows, bridges, etc. Price, complete, \$1.25.

SCOLLY'S SPRINKLER.



The very best. When once used you will wonder how you got along without it. For sprinkling plants, applying insecticides, etc., will last a lifetime.

No. 1, large, \$1; by mail, \$1.10.
No. 3, medium, 25c.; by mail, 80c.
No. 4, small, 60c.; by mail, 65c.

Special Offer. Add to Scolly prices twenty-five cents (25c) and receive an 8-ounce cake of Sulpho-Tobacco Soap. For ten cents (10c.) we will include a 3-ounce cake. Those taking advantage of this special offer will receive also a valuable booklet "The Window Garden, How to Care For It, and What to Grow In It."

AUTO-SPRAY.

Eight or ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto-Spray" is light and a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers which require the operator to be constantly pumping in order to do the spraying. The "Auto-Spray" does the work as fast as a man can walk. Descriptive circular sent on application. Price: Auto Spray, with galvanized iron reservoir, \$1.50; with solid copper reservoir, \$6; with Auto-pop, \$7; extension rod 2 ft. long, galvanized, 35c.



LIGHTNING COMPRESSED AIR SPRAYER.

Is operated by compressed air, forcing the liquid out as desired in either fine or coarse spray. A great improvement over common sprayers. Ask for special circulars. Price \$4.



BRASS HOSE COUPLINGS.

For 1/2 in. and 3/4 in. hose. Per set, 15c.

EXTENSION RODS.

BAMBOO. 8 ft. Fitted with brass stop cock and ready for nozzle. Complete for \$2.
IRON. Fitted ready for use. 4 ft. long, 1/4 in. each, 85c.; 6 ft. long, 1/4 in. each, \$1; 8 ft. long, 1/4 in. each, \$1.25; 10 ft. long, 1/4 in. each, \$1.50.

PATENT HOSE CLAMP.

1/2 in., each 5c., doz. 50c.; 3/4 in. each, 5c., doz. 50c.



CALDWELL BRASS LOUP STRAPS.

For 1/2 in. hose, per dz. 20c.; 3/4 in. hose, per doz. 20c. Pliers for same, 25c. each.

HOSE WASHERS. 1/2 in., doz. 10c.; 3/4 in., doz. 10c.

DEMING PUMPS.



No. 689. THE "PERFECT SUCCESS." For bucket use. Has all parts with indestructible bronze valves. Malleable iron combination foot rest. Has large air chamber and is double acting, throwing a continuous stream. Is provided with Bordeaux Nozzle and four feet of discharge hose. Net cash price complete as shown in cut, except bucket, \$4.50.

No. 669. "THE PRIZE." Has brass working parts with bronze ball valve and malleable foot-rest. Is the best pump for the price that has ever been offered. Is furnished with Acme Nozzle. Net cash price \$2.50.

We can furnish seven-foot section of hose with couplings and pole holder to be used in extending the spray to fit either of these pumps.

The "Perfect Success," for \$1.25.

No. 550. THE "SIMPLEX" BARREL SPRAY PUMP. With mechanical agitator and brass working parts.

THE POPULAR ORCHARD SPRAYER. The air chamber is large and insures a constant stream. The agitator agitates. The discharge has a Y connection.

PUMP WITH OUTFIT "A." Consisting of 12 1/2 feet of 1/2 inch Hose, a Bordeaux Nozzle and pole connection, all complete ready for use. Net \$10.

With each of these Deming Sprayers we give a valuable book free, "Spraying for Profit." Publisher's price 20c. each. Our price 15c., postpaid. We have many styles of the Deming Pumps. Ask for latest special catalogue of pumps.



NOZZLES.

"DEMING VERMOREL," with degorger affords a (Barrel not furnished with Pump.) conical discharge. A very popular Nozzle. For 1/4 inch pipe. Price, 75c postpaid.

DOUBLE VERMOREL NOZZLES. 2 nozzles with connecting piece. Price complete, \$1.75.

BORDEAUX for a fan-shaped spray. Will also throw a solid stream. For 1/4 inch pipe. Price, 75c., postpaid.

Price for special RubberHose on application.



SPRINKLING NOZZLES.

BOSTON ROSE SPRAY. Brass. 3-inch flat face. Fine or coarse for 3/4 inch hose, 60c., by mail 65c.

THE STANDARD. Throws the spray just where you want it. 1/4 inch. Each 25c., by mail 35c.

GIBBS NEW SPRAY. An improvement over Gem. Each 35c., by mail 40c.



THE COOPER



HOSE MENDER.

The best "mender" on the market, made of copper, with barbs on each end, which prevent hose from slipping out. Will not rust or wear out. Millions in use. 1/2 or 3/4 inch, each, post paid, 10c., doz. 75c., by mail 80c.
WOODEN HOSE MENDEES (Looks like Cooper's). 1/2 in. and 3/4 inch. Per doz. 20c., by mail 25c.

GARDENERS' SMALL TOOLS.



TROWELS. A good trowel is indispensable. Our No. 3090 is 6 inches long, all steel. Price 30c., by mail 35c. No. 300—6 inch is extra heavy. Price 40c., by mail 50c.

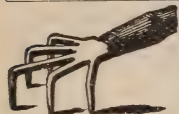
COMMON RIVETED TROWELS. 6 inch 12c., 7 inch 15c., 8 inch 20c., if by mail 5c extra each.

CLEVES ANGULAR TRANSPLANTING TROWELS—Small 20c., large 30c. each, by mail 5c. extra.



HAZELTINE WEEDER. One of the best, solid steel, good size and durable; in very general use over the country. Each, 25c postpaid.

LANG'S HAND WEEDER. One of the best of this class, allowing use of hand while working. Each 25c., postpaid.



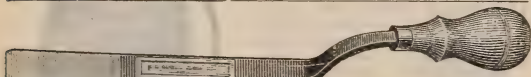
EXCELSIOR WEEDER. A very useful tool for weeding seed beds, stirring the ground, etc. This is one of the most useful tools in working the garden. No one should be without it. Each, 15c., 3 for 35c., prepaid.

COMBINATION WEEDER. Combining, as it does both the rake and hoe, it is the most serviceable, durable and the most perfect weeder on the market. Allows weeding close to the plants, and is offered at about the same price as other weeders. Each, 30c. postpaid.



PLANT DIBBER.

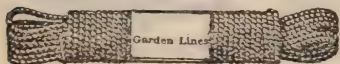
Has wooden handle with solid steel point. Used in making holes for setting out plants. 30c., by mail 40c.



ASPARAGUS KNIFE. Made of the best steel. Used also to cut Dandelion from lawns. 40c., by mail 50c.



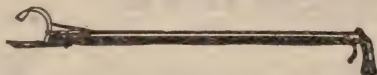
GRASS TRIMMING SHEARS. For trimming around flower beds, etc. 35c. each, by mail 50c.



GARDEN LINES. These are made expressly for this purpose. Best braided. 100 feet 50c., by mail 60c.

REELS. For same. Per set, 50c.

CLIMAX LAWN WEEDER.



No more backache when weeding with this tool.

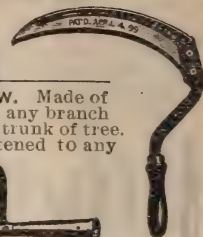
A simple and easy working device for removing noxious weeds and plants from lawns. Easily operated and does effective work. The full length is 42 inches, enabling the operator to stand erect. Push the chisel under the plant at an angle that will sever the roots. A slight pull on the trigger brings the grab down which securely holds the plant, lifting it out and leaving only a slight mark. Price 75c. Cannot be mailed.



PERFECTION DANDELION PULLER. Made of best malleable iron. Very light. A sure puller. Price 40c., by mail 50c.

LITTLE GIANT GRASS HOOK.

Is a miniature scythe, and cuts like a scythe. Handy for lawn, clipping hedges, etc. Price 65c.

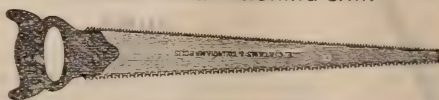


"PERFECTION" PRUNING SAW. Made of best steel with adjustable blade, so any branch can be easily removed and close to trunk of tree. Can be used as a hand saw or fastened to any

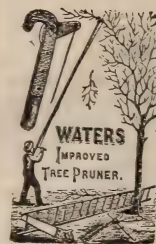


sized pole. The best saw on the market. Each \$1.85; extra blade, 25c.

DOUBLE EDGE PRUNING SAW.



No. 2. Duplex. 16 inches long. Each 75c.



LONG HANDLE TREE PRUNERS. A very popular tool for tree trimming. Our prices are exceptionally low. 8 ft. pole, complete. Each \$1.00. 10 ft. pole, complete. Each \$1.15. 12 ft. pole, complete, \$1.25. Extra blades 25c.

LONG HANDLE PRUNING SHEARS.



For cutting off branches, etc. Very strong. Best steel blades. Handles 22 inches long. Price \$1.



HANDY PRUNING SHEARS. C. & C. Star. 8 in. Blades are made from tool steel. Spiral spring. Each 50c. By mail 65c.

C. & C. CALIFORNIA PATTERN. A strictly high grade tool. With flat brass spring. Each 75c., by mail 90c.

PRUNING KNIFE.

Our "K-K" all iron folding Pruning Knife can't be beat.



Price, 60c., by mail 65c.



GRAFTING KNIFE

Warranted steel blade with station-

ary wood handle. Price 25c. By mail 30c.

POCKET BUDDING KNIFE.

Polished black horn handle with ivory tip. Price 85c. By mail 90c.

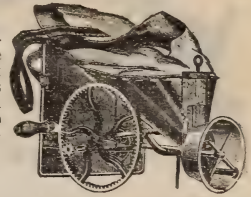


PLAIN BUDDING KNIFE. Stationary handle, steel blade. Price 25c. By mail 30c.

MISCELLANEOUS IMPLEMENTS.

Cahoon's Patent Hand Seed Sower

For sowing alfalfa, wheat, oats, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind in the market. The grain is held in a tight sheet-iron hopper, surrounded by a bag which holds a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price \$3.50.



Premier Broadcast Seed Sower.

The frame of the machine which carries all the bearing parts, is made of one piece of metal, thus assuring perfect and permanent alignment. This feature makes the Premier the easiest running machine on the market and prevents it from getting out of order. The seed is fed to the fan wheel through an adjustable slide, in such a manner as to insure an even distribution. The side can be closed instantly. The grain bag is supported by a strap thrown across the shoulders. The Premier will sow any seed that is sown broadcast, such as oats, wheat, rye, flax, millet, clover, timothy, grassseed, etc. Price \$1.50.



Premier Broadcast Seed Sower.

Price \$1.50.

HAND PLANTERS.

FOR PLANTING CORN, BEANS AND KAFFIR CORN.

Improved Rotary. Has rotary drop. Three seed plates with seven chambers each. Works perfectly. When wanted for planting Kaffir corn please mention in order. A disk with special size hole is required. Price \$1.25.

King of the Field. Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. The foot is made of polished steel. It is well made, strong, durable, reliable, and gives universal satisfaction. Price \$1.

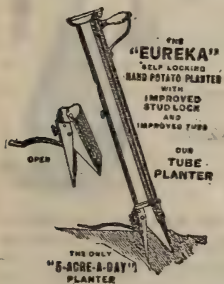


POTATO HAND PLANTER.

Don't bother with the old style way of using a hoe when up-to-date hand planters can be bought at these prices.

Pingree Planter without feed tube, 65c each, 3 for \$1.75.

Eureka Planters. See cut. 90c. each. 3 for \$2.50.



Thompson's Wheelbarrow GRASS SEEDER, For all kinds Grass and Grain Seeds.

This No. 6 is the most satisfactory. It has a good hopper extending 14 feet, and will sow a great variety of seeds. Price complete \$8.

For sowing Brome Grass there is no machine that will do it as well as the No. 8 Wheelbarrow Seeder. It will also sow clover, timothy, alfalfa, millet, etc. Price \$10.

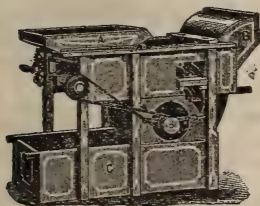
No. 8 Hopper only, fits either wheelbarrow, \$6.



Clean your grain thoroughly before taking it to market. You will save the price of a machine in a very short time. We use several in our ware house and heartily recommend

THE CLIPPER GRAIN AND SEED CLEANER. This Cleaner is adaptable for cleaning all classes of grain or seeds, such as wheat, corn, oats, barley, rye, beans, peas, buckwheat, millet, clover, alfalfa, timothy, flax, etc., etc., and is suitable for farm or general use. Unlike other mills, the "Clipper" cleans all classes of seed and grain thoroughly in one operation, without any waste, and leaves no tailings to be rehandled. Effectual separation of plaitain from clover seed is accomplished, removing all imperfect and foreign seed therefrom, as well as cleaning the perfect seed.

No. 1, Farm Size, with eight screens complete, \$25. No. 2, Warehouse Size, \$35. For larger sizes ask for special catalogue of Clipper Machines.



The Mosher Bag Holders. Holds firmly bags of various lengths. Weighs about 25 lbs. Price \$5.

Cider Presses and Evaporators. Why not use the waste apples. We have presses from \$15, \$20 and \$25. Evaporators for home use from \$7 to \$12. Write for particulars.

BANNBR ROOT CUTTERS.

NO. 7. THE POULTRYMAN'S FRIEND.

Just the thing to cut beets, turnips, carrots, etc., for all kinds of stock, especially Poultry. The knives are adjustable and made of the very best steel. Two to five minutes will cut enough for a large flock of fowls. Note the very low price—\$5.00.

BANNER NO. 20.

It is the most rapid cutter ever invented. It cuts everything in the root and vegetable line readily into long, thin, one-half round slices; separates dirt and cut feed; has a self-feeder; has cut a bushel a minute time and again on test. Capacity 40 to 60 bushels per hour. All danger of choking are completely obviated by this machine. Price \$12.





CHAMPION BALL-BEARING CORN SHELLER.

A SHELLER THAT SHELLS.

Can be fastened to box or board. Very easily run, and shells rapidly. Has automatic spring adjustment, adapting itself to all sizes of corn. Weight about 20 lbs. Price \$2.50.

IMPROVED CHAMPION. Smaller than old Champion. Price \$2.00.

ECONOMY FRUIT PICKER SHEARS.

For Picking Cherries, Plumbs, also Gooseberries.



With it one can clip more fruit than two by the usual way and save all clipped, being a great saving to the picker and grower. The clipping is done with one hand, and by the other fruit on high limbs is gathered that could not be reached in the usual way of gathering. It is a very useful little tool and soon pays for itself. Any one owning a dozen cherry trees can not afford to be without one. The canvas bag is durable and will hold a quart and not be over loaded. The metal parts are neatly nicked and will not rust. Price 50c each, by mail 60c.



Flower Pots and Saucers.

These prices include packing and delivering to Railroad in this city.

PRICE LIST.

| | Per Doz. | Per 100. | Per 1000 |
|-------------|----------|----------|----------|
| 2 inch POTS | | \$ 0.80 | \$ 5.00 |
| 2 1/2 " " | \$0.20 | 1.00 | 6.50 |
| 3 " " | .30 | 1.50 | 8.00 |
| 4 " " | .45 | 2.00 | 12.50 |
| 5 " " | .60 | 3.00 | 22.00 |
| 6 " " | .75 | 4.00 | 31.00 |
| 7 " " | 1.00 | 6.00 | 43.00 |
| 8 " " | 1.25 | 8.00 | 63.00 |
| 9 " " | 1.50 | 11.00 | 100.00 |
| 10 " " | 2.00 | 14.00 | 125.00 |
| 4 " SAUCERS | .35 | 1.60 | 11.00 |
| 5 " " | .50 | 2.00 | 15.00 |
| 6 " " | .60 | 3.00 | 18.75 |
| 7 " " | .70 | 3.75 | 25.00 |
| 8 " " | .80 | 5.00 | 31.00 |
| 9 " " | 1.00 | 6.00 | 50.00 |
| 10 " " | 1.25 | 8.00 | 63.00 |

EARTHEN HANGING BASKETS. 9 inches and 10 inches wide. 25c. each.

NEPONSET PAPER FLOWER POTS. Made of waterproof fabric. Are absolutely unbreakable. The cheapest pot on the market.

| | | | | |
|-----------------|---------|------|----------|--------|
| 2 1/2 inch size | Per 100 | 35c. | Per 1000 | \$3.00 |
| 3 " " | " " | 60c | " " | 5.00 |
| 4 " " | " " | 1.00 | " " | 9.50 |

TREE AND PLANT TUBS. Ask for prices and descriptions.

PLANT BED PROTECTING CLOTH.



A grand substitute for glass over plant bed frame. No. 00 grade, best for use in Colorado. Medium weight, extremely well made. Per yard 15c. 20 yard roll at 14c. per yard; 60 yard roll at 13c per yard.

GARDEN RAKES. Made of polished wrought steel. The strongest and most durable rake on the market. 14 teeth, each 45c. 16 teeth, each 50c.



QUEEN CITY LAWN RAKE

Is reversible and can be used for grass or leaves. 24 teeth, 20 1/2 in. long, each 60c.

CLIMAX FRUIT PICKER.



The best arrangement we have ever seen for picking apples and pears. It fastens to a pole and has a long bag. Veteran applemen told us last season that it is the best contrivance for careful apple picking ever introduced. Needs to be seen to be fully appreciated.

Price complete with either 8 or 10 ft pole, \$1.25. Without pole, \$1.



KRAMER'S POT HANGERS.

The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from two to ten inches across.

Single set 15c. Four sets for 50c postpaid.

Glazing Tools and Material.

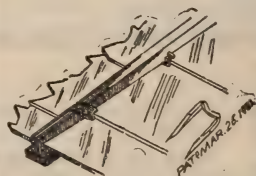
MASTICA. For glazing greenhouses. Saves much time and expense. Nothing equals it. Per half gallon, 75c.; gallon, \$1.25.

MASTICA MACHINE. For applying Mastica, \$1.25.

SCOLLAY'S PUTTY BULB. (See cut.) For applying liquid putty. \$1 each, by mail \$1.10.

GLASS CUTTING AND GLAZING TOOL. Each 10c.

PUTTY KNIFE. A very handy tool. 25c each.



VAN REYPER or PEERLESS GLAZING POINTS.

No rights or lefts. Holds glass firmly. No. 1 for small single thick glass. No. 2 for medium double thick glass. No. 2 1/2 for large double thick glass and skylight. 1000 in a box for 70c., by mail \$5 cents.

Trowbridge Grafting Wax. This is made to standard formula and furnished in cakes ready for use. 1/4 lb. cake 15c., 1/2 lb. cake 20c., 1 lb. cake 35c., 5 lbs. at 25c. per pound. Postage 16c. per pound extra.

LAWN ROLLERS. We have them. Ask for prices when you are ready to buy.

HEDGE SHEARS

Heavy steel blades, long. Price \$2.



GRASS AND TURF EDGER.

Very useful when working on lawn walks. Price 50c.

THERMOMETERS.

We carry a large stock of a general assortment for all purposes. Ask for our special circular of Thermometers. These prices do not include postage except where noted. Ordinarily they carry safely by mail, however we cannot guarantee safe arrival. When wanted by mail ADD TEN CENTS EACH, 3 for 15c. to cover cost of box, packing and postage.



No. 301. 8-inch. JAPANNED TIN CASE. 15c. each, two for 25c.

No. 305. 10-inch. JAPANNED TIN CASE with silvered scale. Very reliable for household use. 50c. each.

No. 314. 8-inch. JAPANNED TIN CASE. A strictly high grade instrument that can be depended upon at all times. Tested. 75c. each.

No. 334. 10-inch. DISTANCE READING with magnifying tubes. Suitable for hot bed, greenhouse or house. 25c. each, 3 for 60c.

No. 410. 8-inch. HOUSEHOLD. Wood back. Especially suited for living room. 25c. each, 3 for 60c.

No. 420. 10-inch. HOUSEHOLD. Wood back. High grade with nickel plated mountings. A real useful ornament. 50c. each.

No. 352. STORM GLASS with Thermometer and Barometer combined. An ornament to any porch. 35c. each.

No. 720. 10-inch. SELF-REGULATING. Indicates each day the extremes of the temperature. Mounted on imitation box wood, complete with magnet. \$2 each.

No. 724. 10-inch. SELF-REGISTERING. Similar instrument to No. 720 with box wood scale, fitted with a protecting hood. Each \$2.50.

No. 990. HOT BED. A glass tube mounted in a wooden tube with brass pointed bottom. Recommended for use where growing mushrooms. Can not be mailed. Each \$1.

No. 900. 8-inch. ALL GLASS. DAIRY. For dairymen's use. It floats. Each 25c., 3 for 60c.

No. 901. 9-inch. ALL GLASS. DAIRY. Hand graduated with tube enlarged at center. 50c. each.

For Incubator and Brooder Thermometers see price list Poultry Supplies, page 90.

RAFFIA.



Natural, 1st Grade. Per small bunch, 10c.; per 1/2 lb. 20c.; per 1 lb. 30c. In original skeins of 1 1/2 to 3 lbs., each at 25c. per lb. 5 lb. lots or more at 20c. per pound.

A limited supply of second grade, suitable for "filling in" and also for Nurserymen and Florists for tying. Per lb. 15c., 10 lbs. for \$1.

Colored. When ordering mention number.

| | |
|------------------|---------------------|
| No. 1 Dark Red. | No. 8 Jet Black. |
| " 2 Irish Green. | " 9 Old Gold. |
| " 3 Olive Green. | " 10 Yellow. |
| " 4 Pink. | " 11 Indian Red. |
| " 5 Navy Blue. | " 12 Purple. |
| " 6 Seal Brown. | " 13 Canary Yellow. |
| " 7 Orange. | " 14 Burnt Orange. |

Per small bunch, 10c., per 1/4 lb. of one color 20c., per 1/2 lb. of one color 35c., per 1 lb. of one color 65c. When Raffia is wanted by mail add 1c. per ounce for postage. We will be pleased to send free our set of samples, showing all our colors on a card. Large lots to teachers and professional weavers at special prices.

RATTAN REEDS.

These are the Imported Reeds—nothing better. Their usefulness in the work with Raffia is very prominent. We now carry a stock in sizes from No. 1, the smallest, to No. 6.

| No. | Per ounce pkg. | 1/4 lb. of one size. | 1 lb. of one size. |
|--------|-------------------|-------------------------|-----------------------|
| 1..... | \$0 10 | \$0 35 | \$1 25 |
| 2..... | 10 | 30 | 1 00 |
| 3..... | 10 | 30 | 1 00 |
| 4..... | | 25 | 80 |
| 5..... | | 25 | 80 |
| 6..... | | 20 | 65 |

If by mail, add 2 cents per 1 ounce, 5 cents per 1/4 pound and 16 cents per pound package.

NEEDLES.

No. 21, 1 1/4 inch long, No. 18, 1 1/2 inch long, No. 17, 2 inches long. Six needles for 5 cents. A bunch of 25 one size for 15 cents. We can furnish needles blunt or sharp point.

BOOKS ON RAFFIA WORK.

[Postpaid.]

| | |
|---|-----------|
| Basket Making—How to Do It..... | 25c each. |
| How to Make Baskets, by Mary White | \$1 00 " |
| More Baskets and How to Make Them | 1 00 " |
| Indian Basket Weaving, with Illustrations | 1 00 " |

GOOD BOOKS ON GARDEN AND FARM TOPICS.

Alfalfa. 164 pages, illustrated; by Coburn. Price 50c.
Asparagus. Its culture for home use and market. Cloth cover. Price 50c.

Bulbs and Bulbous Plants. Illustrated. Price 20c.

Bailey's Forcing Book. Complete treatise for growing vegetables under glass. Price \$1.

Cabbage and Cauliflower for Profit; by J. M. Lupton. Price 30c.

Celery for Profit; by T. Grenier. Illustrated. Price 20c.

Fertilizers—All about them; by Prof. Voorhees. Price \$1.

Gardening for Profit; by Henderson. Latest edition. Price \$1.50.

Vegetable Gardening, with 123 illustrations; by Prof. Green. Cloth. Price \$1. Paper cover 50c.

Ginseng; Its Culture, etc. Price 50c.

Greenhouse Construction; by Taft. Price \$1.50.

How to Grow Melons for Market. Illustrated. Price 20c.

How to Grow Mushrooms. Very concise. Price 10c.

Spraying Crops; Why, When and How. By Prof. Weed. Price 50c.

Irrigation for the Farm, Garden and Orchard. Illustrated; 276 pages. Price \$1.

Landscape Gardening; by Prof. Waugh. Price 50c.

Practical Suggestions on Vegetable Culture; by Fitch. Price 25c.

Root Crops for Stock. Price 20c.

Sweet Peas Up-to-Date; by Hutchings. Price 10c.

Spraying for Profit; by Weed. Price 15c.

The New Rhubarb Culture. Cloth cover. Price 50c.

For Books on Poultry Subjects see page 93.

For Books pertaining to Bee Keeping see page 95.

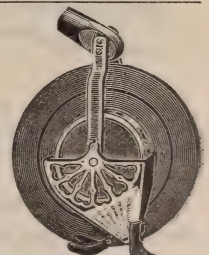
Any book published on above subjects can be furnished on application.

THE EUREKA HAND SEED DRILL

FOR KITCHEN GARDEN AND HOT-BED.

This little handy garden drill is designed only for small plats of grounds, hot beds, etc., and of course is not expected to be used for extensive planting like the large drills. Customers ordering same will please remember this, and that for such a low price a drill of any size could not be offered. However, for the purpose it is intended, it fills the bill all right, and we feel confident our customers will not be disappointed in placing orders for this valuable little drill. You can get close up to the sides of your hot bed with this drill and save the annoyance of filling in by hand the ends of rows as occurs with other machines.

Price, each \$1.00.

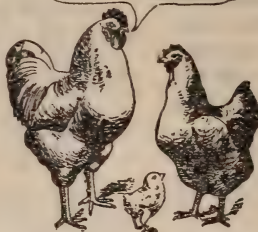


AVENARIUS CARBOLINEUM

THE FAMOUS GERMAN WOOD PRESERVER AND INSECTICIDE.

Paint or Spray Your Chicken Houses, Hog Pens, Stables, Sheds, Etc., with

OUR BOSS SPRAYED OUR HOUSE
FIVE YEARS AGO WITH
AVENARIUS CARBOLINEUM
NO LICE IN OUR HOUSE

**AVENARIUS CARBOLINEUM**

TO PERMANENTLY DESTROY

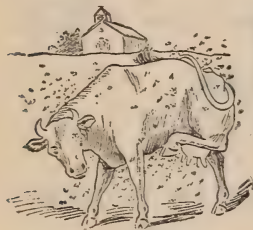
All Poultry and Other Vermin and Preserve Your Building From Rot and Decay.

Farmers, and those building foundation for houses, barns and silos, should always paint the woodwork with Avenarius Carbolineum. Before you set posts in the ground always paint them with this liquid and they will last four times as long without rotting or decaying. It is money in your pocket to use it. All kinds of woodwork will rot sooner or later, and it is evident that great advantages, as well as saving in material and labor, must be derived from a process which will effectually prevent rot and decay of wood above or below ground or water. Is an antiseptic, non-poisonous oil stain, which penetrates wood deeply when applied with a brush. It drives all moisture out of wood, and makes same impervious to all outside dampness, without injuring the wood fibre. In this manner woodwork coated with Avenarius Carbolineum is completely protected against rot and decay at

a trifling cost. Avenarius Carbolineum gives woodwork a nice, nut-brown color, and its large covering capacity and moderate price makes it the best paint for all work for which it is recommended. Shingle roofs will not warp nor leak. In case of disease of cattle, horses, hogs, sheep it will prevent contagion. It will also keep away flies, gnats, bedbugs, roaches, ants, etc. Rats and mice will not remain where Avenarius Carbolineum has been used. It never evaporates nor loses its value, even if standing open. Avenarius Carbolineum is made in Germany, and has been in use for over 35 years.

Special circular, giving evidences of merit, mailed for the asking.

Prices—Quart can, 50c.; gallon, \$1.75. 5 gal. can. \$7.50. For large quantity ask for prices.



Before Using.

Keep the Flies Off Your Stock

YOU CAN MILK IN PEACE.

It only costs one-half cent per day, and your cows will give more milk, your horses will rest during rest time and work during working hours on two-thirds the feed that it now requires. It is not only the protection of the animals from the unendurable torments of flies, mosquitos, lice, mites and other vermin, but it is money in your pocket. Directions with each can.

Lee's Flyo-Curo. - - - per quart, 50c.; gal., \$1.25
Cyphers Anti Fly Pest. - - - 1-2 gal. 50c.; gal. can 75c



After Using.

LINSEED OIL CAKE MEAL

FOR FEEDING STOCK.

Chemical analysis has shown, and experience has proven, that of all feeding substances OIL CAKE MEAL stands without an equal. To farmers it is especially valuable. It is the greatest flesh former, milk and butter producer in use, and on a fair test will prove to be the most economical cattle food a farmer can use; and it not only increases the value of his land, but it keeps his stock in excellent condition, and, at the same time, increases the quality and richness of milk.

Price fluctuates. Present price per 100 pound sack \$1.75.

GIBBS NEW SPRAY NOZZLE.



Great improvement over the Mystic and Gem, the spray being controllable to the slightest degree. Popular nozzle for 1905. Fits $\frac{3}{8}$ in. connection. Price 35c., by mail 40c.

HUMPHREY'S POTATO KNIFE.

Concave blade, just the shape to cut the potato just right for seed. Price 30c, no extra for postage.

GARDEN HOES.

High Grade Steel with socket. Garden size, each 60c. Good grade, each 30c.



WEEDING HOES

One Prong. Each 30c
Two Prong. Each 35c

"PLANET JR.," GARDEN AND FARM TOOLS.

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue free for asking. In sending your orders to us, you can rely on getting bottom prices and saving in transportation from the East. Ask us for prices to include freight prepaid to your railroad station.

No. 1 Combined Drill Seeder, Wheel Hoe, Cultivator and Plow.

This has long been the most popular combined tool made. As a seed sower it is the same as No. 2 Drill Seeder but smaller, holding three pints. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. Weighs 45 lbs.

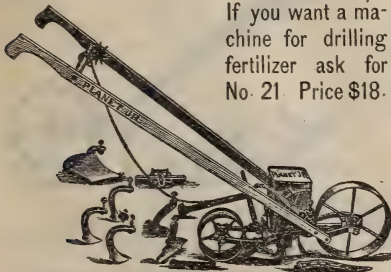
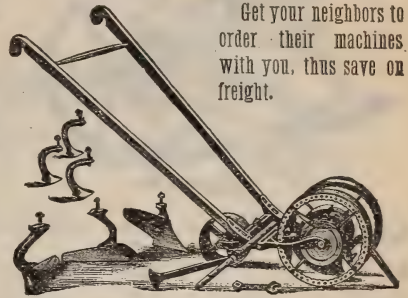
Price, with tools as shown, \$9.50.

No. 2 Drill Seeder.

Similar to the No. 1 Combined except the seed hopper is larger, holding three quarts, and machine has no cultivator attachments. Weighs 38 lbs.

Price, \$7.50.

Get your neighbors to order their machines with you, thus save on freight.



If you want a machine for drilling fertilizer ask for No. 21 Price \$18.

No. 4, Improved Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

This admirable tool combines in a single convenient implement a grand hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder is like the No. 3, sowing in continuous rows, or dropping in hills at five different distances. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crop.

Price with tools as shown weighs 47 lbs., \$10.50.

No. 4, Plain Drill only, no attachments (parts cannot be added except at extra expense.) Weighs 38 lbs. Price \$8.50.

When ordering be careful to designate whether "Combined" or "Plain."

No. 3 Hill and Drill Seeder.

It sows evenly in drills, and also drops in hills, at 4, 6, 8, 12, or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever; or the flow of seed is stopped by pushing down the feed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly. Holds three quarts. Weighs 44 lbs. Price \$10.50.

No. 5 Hill and Drill Seeder.

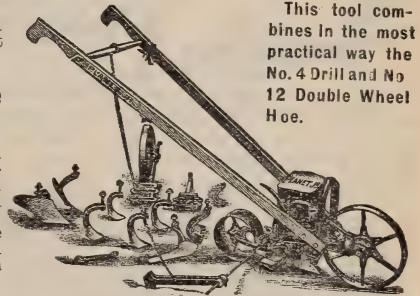
Is quite identical with No. 3, except its larger hopper, has drive wheel 16 1/2 inches in diameter, capacity five quarts. The machine is built slightly heavier, weighing 48 pounds. Price \$13.

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe, Plow, Etc.

As a Drill it is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills and hills, 4, 6, 8, 12 or 24 inches apart and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumb screw adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills.

As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and entire combination is one we can heartily recommend and guarantee satisfactory. Weighs 59 lbs. Price, with all parts as shown in cut, \$13.50.

This tool combines in the most practical way the No. 4 Drill and No. 12 Double Wheel Hoe.



No. 12 Double Wheel Hoe, Cultivator and Plow.

The number of different kinds of work done by this one tool is marvelous; and all are done in the most perfect manner. The teeth are changed with the greatest ease and quickness, without taking the nuts from the standards. The wheels may be set at four different distances apart; the frame at three heights. The handles are adjustable in height to suit man or boy. Its rapid and perfect work; it's the most money-making tool a farmer can own. Weighs 32 lbs. Price, with tools as shown, \$7.

No. 11. Is the No. 12 with addition of Rakes and extra pair of short Scuffle Hoes. Price \$9.



"Planet Jr." Twelve-tooth Harrow and Cultivator.

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel shape teeth can cut an inch wide each. It may be set with teeth trailing.

The foot lever pulverizer is a capital addition for preparing the soil for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth. It expands to 22 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round throated teeth turn strawberry runners without injuring them.

Price complete as illustrated (weighs 74 lbs.) \$8.50.
Same without the Pulverizer attachment \$6.90.



Same without both Wheel and Pulverizer attachment. Plain \$5.80.

Strawberry Runner Cutter Attachment, consisting of a 10-inch disc mounted on an outrigger, extra. **Price \$1.75.**
Special 18-Inch Sweep with Standard, made expressly to fit this tool when Pulverizer is taken off. This combination makes sure destruction of all weeds in its path. **Price, \$1.40.**

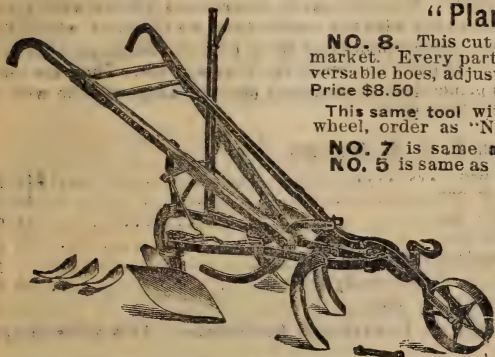
"Planet Jr." Horse Hoes and Cultivators.

NO. 8. This cut illustrates the most complete Horse Hoe and Cultivator on the market. Every part is perfectly made. Lever spreader, lever wheel regulator, reversible hoes, adjustable angle teeth, etc. The No. 8 as illustrated weighs 82 lbs. Price \$8.50.

This same tool without the depth regulator and a plain wheel instead of lever wheel, order as "No. 9, Horse Hoe." Price \$7.40.

NO. 7 is same as illustrated except no depth regulator. Price \$8.

NO. 5 is same as illustrated except no depth regulator and side braces. Has plain wheel. Weighs 69 lbs. Price \$6.50.



NO. 4 Plain Cultivator. Has plain cultivator teeth only, with a stirrup clamp instead of lever spreader, and plain wheel. Price \$5. No wheel \$4.25.

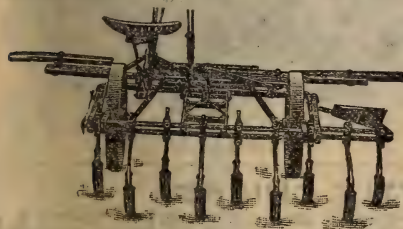
Two-Row Beet Hoe No. 52.

Works two rows at once from 12 to 20 inches apart inclusive. Shafts are strong and control the tool perfectly. The stirring is perfectly controlled by a steel lever. Has two pair of hoes and three sweeps as illustrated, and also a set of three irrigating teeth with standards, which work behind the hoes. Price as illustrated (weighs about 220 lbs.) \$22. A set of 7 cultivator teeth $1\frac{1}{2}$ in. with standards, can be added for \$4.

No. 41 Orchard and Universal Cultivator with Right-Hand Extension.

This is the tool that is built to combine strength, lightness, adjustability and efficiency to the fullest extent in one tool. Nearly all parts are steel.

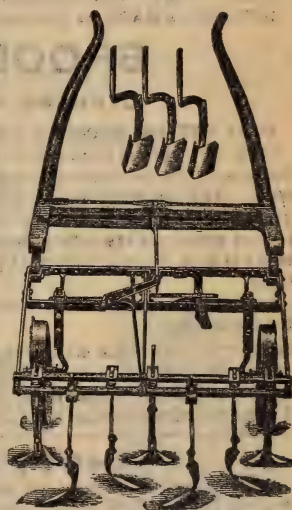
The tree shield is on the right side to be used next the tree row and avoids injury to trees or fruit. There are 9 cultivator teeth $2\frac{1}{4} \times 10$ inch. With the extension it cuts 5 feet 3 inches.



This tool is adapted to a great variety of work, carrying almost any of our teeth, including furrows, plows, hoes, etc., and the great feature of adjustment for width adapts it perfectly to all vineyards and hopyards, with rows planted from 5½ to 8 feet apart. Can be used to side hitch as in cut or center hitch if desired by use of four bolts.

Price, as illustrated (weight 370 lbs.)
\$42.00.

We can supply two 10-inch Furrow Steels, with six 12-inch Sweeps to fit above for addition of \$4.00.



Extras and Repairs for Planet Jr. Horse Tools.

| Each. | | These prices are F. O. B. Denver. | | Each. | |
|-------------------------|------------|-----------------------------------|----------|--------------------------------|-------|
| 1 1/2 x 8 inch Steels | \$ 10 | 8 inch Shovel Steels | \$ 35 | 5 inch Beet Sweep Steels | \$ 30 |
| 1 1/2 x 8 " " | 60 | Bolts | 3 for 10 | 8 " " | 45 |
| 2 1/2 x 8 " " | 5 for 65 | 8 inch Sweep and Bolt | 35 | 10 " Furrower Steels | 45 |
| 3 x 8 " " | 5 for 60 | 10 " " | 40 | 15 " " | 1 25 |
| 3 x 8 " " | 5 for 60 | 12 " " | 45 | 20 " " Steels with wings | 2 00 |
| 1 1/2 x 10 " " | 5 for 70 | 15 " " " | 50 | 20 " " with renewable point | 2 25 |
| 2 1/2 x 10 " " | 5 for 85 | 18 " " " | 60 | Ridging Steels | 1 25 |
| 3 x 10 " " | 5 for 90 | 6 " Hoe and Bolt | 50 | Hilling attachment | 3 00 |
| 4 x 10 " " | 5 for 1 10 | 10 " " " | 60 | Roller | 2 00 |
| 6 inch Side Steels each | 60 | Beet Hoes, each | 50 | Reversed Rake | 1 00 |
| 7 " " " | 70 | 3 inch Beet Sweeps | 25 | Pulverizer | 2 25 |
| 8 " Shovel Steels | 80 | | | Pulverizer and Harrow, special | 2 50 |

Customers will please note that the above prices are but a slight advance over prices for same if purchased at the factory. We carry above in stock at Denver. If other parts or repairs are wanted we can furnish at factory price f. o. b. factory, customers paying expressage. A complete list of repairs furnished on application when needed.

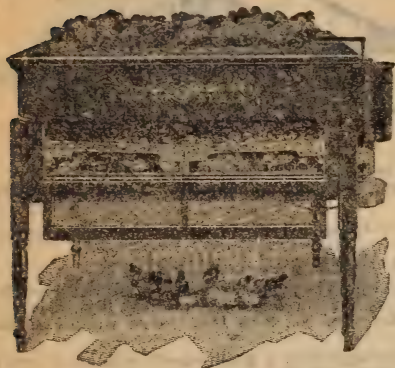
POULTRY KEEPERS SUPPLIES.

We have one store devoted to this department, 1525 Fifteenth street. Everybody Welcome.
A Poultry Show Every Day.

Our 32-page Catalogue "P" tells all about this department.

INCUBATORS.

CYPHERS LATEST MODELS.



For four seasons we have handled these machines. From the number of very flattering testimonials and also from the fact that demands each season have more than doubled, we are fully convinced that the Cyphers is the egg hatcher for Colorado and all high altitude countries. Machines from nearly all the popular makers have failed seriously, in producing live chicks. The art of artificial incubating is surely mastered when using a Cyphers. We have made determined efforts with many popular makes, but never with the results that we obtained with a Cyphers. Poultrymen; the Cyphers is a boon to your business, they will hatch fertile eggs, and do it just when the hens will not. They are built on common sense principles, for practical poultry keepers, who wish to raise healthy stock for a profit.

Price List of Incubators, F. O. B. Denver.

| | | |
|-----------------------|--|---------|
| No. 0. | Holds 60 eggs, weighs 80 lbs., complete ready for use..... | \$12 50 |
| No. 1. | Holds 120 eggs, weighs 140 lbs., complete ready for use..... | 18 00 |
| No. 2. | Holds 220 eggs, weighs 190 lbs., complete ready for use..... | 24 00 |
| No. 3. | Holds 360 eggs, weighs 240 lbs., complete ready for use..... | 30 00 |
| Cyphers Boys Choice. | Holds 60 eggs, weighs 50 lbs., complete ready for use..... | 7 50 |
| Cyphers Farm Economy. | Holds 100 eggs, weighs 100 lbs., complete ready for use..... | 10 00 |

Ask for 8 page descriptive circular telling all about these machines. Free.

Send 10c in stamps for illustrated book, "How to Make Money with Poultry and Incubators." This price simply pays the actual postage.

GOLD MEDAL AND HIGHEST AWARD at the Pan-American, October 1901, were placed on The Cyphers Incubator.

DIPLOMA AWARD at Colorado State Fair, 1902, to Cyphers Incubator.

BROODERS.

CYPHERS OUTDOOR.

BEST HOT AIR BROODER MADE.

Like the Cyphers Incubators, their Brooders are made for business. The outdoor style will do for either indoor or outdoor. Will last many years, is heavily made, tight joints—no cracks for drafts, has tin roof, a good thermometer, and is heated with Cyphers Safety Brooder Stove. It is positively the best outdoor brooder that the Cyphers company knows how to build.

See detailed description in the Special Catalogue which is free for the asking.

Style "A" 100 chick size, weight 150 lbs.,.....\$13 00

Style "B" for indoor only, weight 100 lbs.,..... 11 00

Cyphers Indoor Storm King No. 1, 50 chick size,.... 7 00

Cyphers Indoor Storm King No. 2, 75 chick size,.... 8 50



HOYT'S MIXTURE—FOR LITTLE CHICKS.

Contains millet, grit, oyster shells, ground bone, hemp, canary and other small grains in proportion, making it a perfect chicken food to feed from the time they are hatched until they are large enough to be fed the same as matured fowls. This mixture positively prevents bowel trouble, leg weakness, etc. We have never had a SINGLE complaint against it. Could furnish scores of testimonials from poultry breeders. Send for sample, 6 lbs. for 25c.; 14 lbs. for 50c.; 50 lbs. for \$1.60; 100 lbs. for \$3.00.

FARMER'S FRIEND EGG CARRIER.



The most complete egg carrier on the market; holds 12 dozen eggs. It is equipped with an adjustable cover, and a patent combination lifter and fastener. Just the thing for the farmer and poultryman. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it was full of eggs. When a farmer or poultryman wishes to save his eggs for market, this carrier is what is needed. It is equipped with the very best heavy A No. 1 fillers.

Price, each, 75c.; 3 for \$1.75.

USE LEE'S LICE KILLER IN YOUR POULTRY HOUSE.

ROUP CURES.

CONKEY'S CELEBRATED ROUP CURE.

Will cure roup in all its forms. It is easily administered, simply putting it in drinking water and the fowls take their own medicine. It prevents colds, and is unequalled for canker, especially in pigeons. One 50c package makes 25 gallons of medicine; a \$1 package makes 75 gallons. Give it a trial. Price, regular size, 50c.; large size, \$1. postpaid.

BISDEE'S ROUP SPECIFIC.

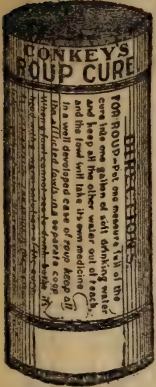
Many very bad cases of the roup have been cured with this. Can be administered in their drinking water. Should be in hands of every poultryman. Price, per can, \$1. postpaid

CYPHER'S ROUP CURE.

Is put up in suitable form so as to be administered in the drinking water. Comes highly recommended. Directions on each package. Price, regular size, 50c.; large size, \$1. postpaid.

LEE'S GERMOZONE.

Cures roup, canker, swelled head, etc. We can furnish it in liquid form, in 12-oz. bottles, for 50c. Can't be mailed. For mailing it is put up in tablet form for 50c., postpaid.



PEERLESS GOPHER KILLER.

For Killing Gophers, Ground Squirrels, Prairie Dogs, etc.

Peerless Gopher Killer is a quick and positive exterminator for gophers, ground squirrels or prairie dogs that burrow deeply in the ground. It is not as effective for moles or other burrowing animals that follow along close to the surface of the ground, for the reason that the gas escapes through the thin layer of surrounding earth. We make this explanation for the reason that what is called a mole in one part of the country may be known as a gopher or squirrel in another section. Price, 1-quart can, 75c.

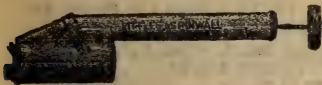


LEE'S LIQUID LICE KILLER.

A sure death to all kinds of vermin. Apply to the roost with brush or sprayer. Will kill the lice on the fowls while they sleep. 1-quart can 35c.; half gallon can 60c.; one gallon can \$1. LEE'S INSECT POWDER. One-pound can 25c., by mail 40c.

CYPHER'S LICE POWDER.

A disinfecting and life-destroying Insect Powder. The best and cheapest Lice Remedy known. Is guaranteed to kill lice, fleas, ticks, and all forms of insect life, and to be perfectly harmless to both animals and plants. 5 oz. pkg. 10c., postpaid 15c.; 15 oz. box, 25c., postpaid, 40c.; 48 oz. box, 80c., postpaid, \$1; 100 oz. box \$1. by express f. o. b. Denver.



Little Aspinwall Sprayers.

Great advantage is derived by the use of these sprayers in killing lice in poultry houses, exterminating potato bugs, corn, tomato and currant worms and all plant insects. They are used on horses, cattle and swine, and for spraying clothes, carpets, cigar wrappers, etc. In fact, whenever a sprayer

is needed, the Aspinwall will be found capable of doing the work in a satisfactory manner. Price, 75c., by mail \$1.

POULTRY POWDERS.

LEE'S EGG MAKER AND CHICK CROWER.

A highly nutritious food for fowls, containing bone, blood, powdered roots, etc. This article gives splendid satisfaction and is a big seller with us.

Price, large 40-oz. package, 25c.; 25-lb. pails, \$2.

CYPHER'S EGG STIMULANT.

Is a scientifically prepared and perfectly balanced compound; at once a tonic and condition powder for promoting the general health, and a gentle stimulant to the egg producing organs of the fowls, strengthening and stimulating them to a normal, healthy action, resulting in the increased production of strong, fertile eggs. Nothing but absolutely pure drugs are used in its manufacture and no harmful results follow the use of this perfectly balanced ration, as is the case



with so many so-called egg producers.

Each box contains sufficient powder for treating one bushel of fowl food. Cypher's Egg Stimulant will increase the egg yield, or money will be refunded. Note the positive guarantee on every box. Price, 25c., postpaid, 30c.



Ask for Catalogue "P" if You Keep Chickens.

THOROUGHbred POULTRY.

If you want good honest value stock of fowls or eggs for hatching, we can usually supply same from reliable poultrymen with whom we have arranged for stock. We do not carry in stock these fowls, except in busy season we have an assortment of cockerels and some pullets on exhibition at our store. The price depends much on the merit of the particular specimen selected, thus it is difficult to give exact prices in this catalogue, however, on average we can supply at the following prices:

EGGS FOR HATCHING.

In the hatching season we usually have fresh eggs in stock at our store of the leading breeds.

13 eggs constitute a setting, except for Ducks, which is 11, and Turkeys 9.

Geese eggs quoted on application.

Price List Thoroughbred Poultry, and Eggs for Hatching.

| | MALES. | TRIO | DOZEN | EGGS 1 Setting | EGGS 2 Setting |
|--------------------------|------------------|----------------|---|-------------------|-------------------|
| Barred Plymouth Rocks | \$1 50 to \$3 00 | \$1 00 to 6 00 | Values vary according to grades and merits of stock. Prices on application. | \$1 50 | \$2 75 |
| White Plymouth Rocks | 1 50 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| White Wyandottes | 1 50 to 3 50 | 5 00 to 6 50 | | 1 50 | 2 75 |
| Black Langshans | 1 50 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| Light Brahmas | 2 00 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| Rhode Island Reds | 1 50 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| Brown Leghorns, S. Comb | 1 50 to 2 50 | 4 00 to 5 00 | | 1 50 | 2 75 |
| Brown Leghorns, R. C. | 2 00 to 3 00 | 4 00 to 6 00 | | 1 50 | 2 75 |
| White Leghorns, S. C. | 1 50 to 3 50 | 4 00 to 6 00 | | 1 50 | 2 75 |
| Buff Leghorns, S. C. | 2 00 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 00 |
| Buff Orpingtons | 2 00 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 75 |
| Black Minorcas, S. C. | 1 50 to 3 50 | 5 00 to 6 50 | | 1 50 | 2 75 |
| Black Minorcas, R. C. | 1 50 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| Houdans | 2 00 to 3 50 | 5 00 to 6 50 | | 2 00 | 3 50 |
| Turkeys—Bronze | 5 00 to 8 00 | 10 00 to 12 00 | | 1 50 | 3 00 |
| Turkeys—White Holland | 5 00 to 8 00 | 10 00 to 12 00 | | 2 00 | 3 50 |
| Ducks—White Pekin | 1 50 to 2 50 | 4 00 to 6 50 | | 1 50 | 2 50 |
| Geese—Toulouse | 2 50 to 3 00 | 6 00 to 8 00 | | | |
| Guineas—Pearl | 1 25 to 2 00 | 3 00 to 4 00 | | 1 50 | 2 75 |
| Pigeons—Homers, per pair | \$1.50 to 2.00 | | | | |



The Humphrey.

of egg eating. 3 for 10c., 6 for 15c., 12 for 30c. If by mail, 50c per dozen. We can supply in gross lots at special prices.

BONE CUTTERS.

The Humphrey's Green Bone and Vegetable Cutter.

Sold on a Positive Guarantee to Cut More Bone in Less Time and with Less Labor than any other Bone Cutter Made.

No. 1. Hand Power only, \$13. No. 2. Power only, \$14.50. No. 2½. Hand and Power, \$16.
MANN'S BONE CUTTERS.

No. 5. With crank, \$6.50. No. 5. With Balance Wheel, \$9. No. 5. With Balance Wheel and Iron Stand, \$11.50. No. 7. New Model Open Hinged Cylinder, \$13.50.

CLOVER CUTTERS.

MANN'S. Complete with Iron Legs, \$11. Without Legs, \$9.

HUMPHREY'S. The best Hand Cutter on the market. Complete with Iron Legs, \$11. Without Iron Legs, but fixed to fasten to top of table or bench, \$9.

PORCELAIN NEST EGGS.

The "Opal" Brand are the best made. They are clean cut and uniform. Worth double the common ones. With these there is no danger of getting bad eggs mixed with the fresh ones, nor of the hens acquiring the habit



THE COLORADO DRINKING FOUNTAIN.

These stoneware drinking dishes are unexcelled. They keep the water cool and clean, and chicks from getting wet or drowned.
Half gallon, each, 25c.; 1 gallon, each, 35c. Special brooder size, holds about 1½ quart; fits inside brooder. 25c. each.

PIGEON NAPPIES.

These nests are made of clay, carefully shaped to be correct for the pigeons. We furnish them in two sizes, glazed ware.
7-inch diameter, the popular size, 3 for 25c., 12 for 80c., 100 for \$6.
9-inch diameter, 3 for 25c., 12 for 85c., 100 for \$6.50. If to be picked for shipping we charge 15c per dozen, \$1 per 100 extra. A common barrel will carry 75 7-inch size nicely.



We Carry a full line of Pigeon Fanciers Supplies. Described and Priced in our Catalogue "P."

POULTRY FOODS.

| | Per 10 lbs. | 25 lbs. | 100 lbs. |
|------------------------------------|-------------|---------|----------|
| Crushed Oyster Shell..... | 25c | 50c | \$1 40 |
| Mica Crystal Grit..... | 25c | 50c | 1 40 |
| Green Cut Meat and Bone—dried..... | 35c | 75c | 2 00 |
| Granulated Bone—No. 1..... | 50c | 1 00 | 3 00 |
| Bone Meal—No. 1..... | 50c | 1 00 | 3 00 |
| Meat and Bone Meal..... | 50c | 1 00 | 3 00 |
| Meat Meal..... | 50c | 1 00 | 3 00 |
| Deodorized Blood Meal..... | 70c | 1 50 | 4 25 |
| Charcoal—granulated..... | 70c | 1 35 | 4 00 |

HOYT'S MIXTURE. For brooder chicks. 6 lbs. 25c., 14 lbs. 50c., 50 lbs. \$1.40, 100 lbs. \$3.

HEN FEED MIXTURE. 10 lbs. 25c., 25 lbs. 50c., 50 lbs. \$1.100 lbs. \$1.85.

RUSSIAN SUNFLOWER. 3 lbs. 25c. 7 lbs. 50c., 15 lbs. \$1. MILLET SEED. 8 lbs. 25c., 25 lbs. 60c., 50 lbs. \$1, 100 lbs. \$1.90.

RED PEPPER. 1 lb. 25c., 5 lbs. \$1.

All Above Prices subject to Market Changes.

POULTRY MARKER.

The "Acme" Lever. The spring lever arrangement enables one to use this punch with perfect ease, holding the chick in one hand and working punch with other. Price 25c., postpaid.

THE HUMPHREY GRIT MORTAR.



Hens' teeth must be supplied in some form of grit, and there are few places in our country where you do not find glistening granite boulders, flint or hard rock which can be readily reduced into a satisfactory grit. The Humphrey Grit Crusher is a circular mortar, 9 inches in diameter and 11 inches high, with a removable perforated bottom. With one of them you can break enough grit in half an hour to last your fowls several weeks, and the material costs you nothing.

Price, \$4. Weighs 40 lbs.

LEG BANDS.



The Improved Champion. Made of pliable aluminum, which can be adjusted to fit any size of leg. Three-inch size for all ordinary breeds; 4-inch size for extra large and turkeys. All neatly numbered. 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c., postpaid.

Round Aluminum Wire Bands. 21 for 20c., 25 for 40c., 50 for 75c., 100 for \$1.35, postpaid.

Climax, or "Stay-on" Kind. 12 for 20c., 25 for 35c., 50 for 60c., 100 for \$1, postpaid.

Pigeon Bands. Made from aluminum tubing. Are put on safely when birds are young. Are very light. 12 for 20c., 25 for 40c., 50 for 75c., 100 for \$1.35, postpaid.

Open Pigeon Bands. Made from flat aluminum. 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c., postpaid.

GOOD BOOKS FOR POULTRYMEN.

Price prepaid

| | |
|---|-------|
| 500 Questions and Answers About Poultry..... | \$ 25 |
| The Hen Business from A to Z..... | 25 |
| Success with Poultry, 112 pp., 9x12 inches..... | 1 00 |
| Eggs and Egg Farms, 80 pp., illustrated..... | 50 |
| Poultry Houses and Fixtures, 32 pp., with designs,..... | 25 |
| Reliable Poultry Remedies, 64 pp. Very complete..... | 25 |
| Pigeon Queries..... | 25 |
| Reliable Poultry Journal, monthly magazine, per year, 50..... | 50 |
| Western Poultry World, monthly, enlarged, per year, 50..... | 50 |

For other books pertaining to the poultry industry consult our catalogue "P."

PRATT'S DOG BISCUIT.

These biscuits are prepared after an established recipe by a practical fancier and dog breeder. They should be fed dry, the dog having to gnaw them as he would a bone.

Price, lb. 10c.; 3 lbs., 25c.; 25-lb. box for \$1.85; 50-lb. box, \$3.50.

A NEW WONDERFUL FERTILIZER. NITRO-CULTURE.

Doubles the Crop. No Time. No Labor. Little Expense.

NITRO-CULTURE is a germ sold in dry packages like Yeast Cake (dissolve in water as per directions that come with each package.)

When seeds are soaked or sprinkled with the solution before planting, the germs multiply in the soil very rapidly and cause nodules to form on the roots. These nodules collect nitrogen from the air and feed the roots of the plants.

Nitrogen is a Plant Food, and therefore a tremendous increase in the crop is bound to come.

WHAT IS CLAIMED FOR NITRO-CULTURE.

On poor, sandy land or wornout clay soils, any leguminous (that is pod-bearing) crop, such as Clover, Alfalfa, Beans Peas, Vetch, Peanuts, can (provided good seed be used) be more than doubled the first year, by merely moistening the seed with a solution of Nitro-Culture Bacteria and allowing it to dry on the seed before planting.

Many persons claim that in money value the increase in crops is worth \$20.00 per acre, or that a like amount would have to be expended in Phosphates to produce the same results.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

This process of propagating Nitro Culture Bacteria and sustaining life in dry packages was discovered and patented by Geo. T. Moore of Washington, D. C. If you doubt our statements about this very remarkable fertilizer, write to Agricultural Department, Washington, for their report on same.

PRICE LIST.

Nitro-Culture, sufficient to inoculate the following seeds per acre, mailed to any address in the United States at the following prices:

| | | | | | |
|-----------------|----------|--------|-------------------|----------|--------|
| Alfalfa..... | per acre | \$2 00 | Soja Beans..... | per acre | \$3 00 |
| Clover..... | per acre | 2 00 | String Beans..... | per acre | 2 00 |
| Cow Peas..... | per acre | 2 00 | Vetch..... | per acre | 3 00 |
| Sweet Peas..... | per acre | 1 00 | Peanut..... | per acre | 2 00 |
| Green Peas..... | per acre | 1 00 | Lima Beans..... | per acre | 2 00 |
| Wax Beans..... | per acre | 2 00 | | | |

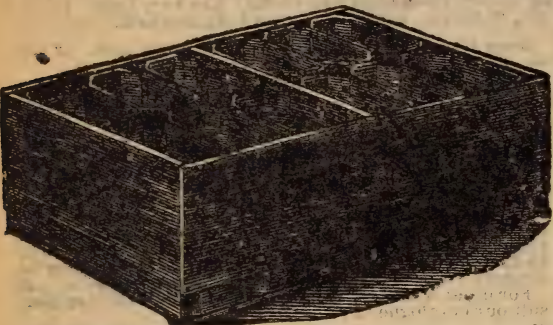
Guaranteed to keep six months from date of shipment and can be used within that time.

We are Selling Agents to Dealers for Colorado.

FRUIT PACKAGES OF EVERY DESCRIPTION.

Being selling Agents for several of the Largest Manufacturers in the West we are prepared to fill all orders promptly. Car lot quantities F. O. B. your track quoted on application.

Owing to the unsettled condition of the lumber market we are not printing here the selling prices, but will be pleased to quote on application.



selling their contents. A cheaply made fruit package often

Berry Boxes and Crates.

Leslie Wine Measure.

The Leslie style is the standard octagon box for the Western trade, in both quart and pint sizes. Boxes are packed complete, 500 in a bale; Crates in bundles of 10. We sell the 1½ oz. Tacks, also Machines to use in making up berry boxes.

Apple Boxes.

45 to 50 lb. size.

These boxes are made of Oregon White Pine, neatly cut and tied in bundles. The ends measure 11½x11½ in. The tops, sides and bottoms are 19½ in. long and ¼ in. thick. Sides are one piece, tops and bottoms of two pieces. They are strictly first-class and will add much causes fruit to be sold below market price.

Pear or Pony Apple Boxes.

37 lb size.

Are similar material to regular Apple Boxes, except the ends are 8½x11½ in.

We carry a stock of Coated Wire Nails expressly for use in making up Crates, Apple Boxes, etc.

Peach Boxes.

Are made of same material as our Apple Boxes. They are 19½ in. long. The end pieces are, 11½ in. wide and in two sizes of depth, 4 in. and 4½ inch.

Other Sizes of Fruit Boxes.

5 inches deep for Tomatoes.
3½ inches deep for Plums.
2½ and 2 inches deep for Cherries.

Four Basket Crates

With Square Baskets.

This is the popular style for California grapes, etc. Crates furnished knocked down with or without baskets. The baskets come in crates of 500 each, either style, tin top or wood top. We are State Agents for these baskets.

Climax Grape Baskets.



This make of Climax Basket is the best in the market. The bottom is solid, the cover is of smooth veneer, and the handles are strong. This package will carry fruit safely, no matter how great the distance. The general appearance is far superior to many offered on the market.

The baskets are nested in bundles of 25. The handles and covers are tied in bundles separately. Tacks and wire staples included. Furnished in 5 lb., 8 lb. and 10 lb. sizes.

Market Baskets.

MADE OF

Diamond Splint with Drop Handles.

In 8 quart and 10 quart sizes.

Just the thing for Vegetables, Early Apples, Cantaloupes, etc.



Picking Baskets.

Holds One-Half Bushel.



This is the favorite Picking Basket with all fruit growers, is a double stave basket, perfectly smooth inside, does not bruise or scratch the fruit, has a swing bail and goes inside the barrel, fruit can be poured out of it without bruising, is light and cheap.

NO. 1. Is made of oak, with wide rim inside, heavy handle, extra protection in bottom. Equal to any picking basket on the market.

NO. 2. The common ½ bushel elm basket, with wooden handle.

Cantaloupe Crates.

The popular size and style for the Rocky Ford Cantaloupe is 24 inches long with the headings 12 in. by 12 in. made of slatted material. Furnished knocked down, except the ends, which are nailed.

For detailed description of our Fruit Packages, Baskets, etc., ask for catalogue "F."

BEE SUPPLIES.

We have a department for this line with two very competent men in charge. Our trade in supplies for Bee Keepers has more than doubled in the last three seasons, this alone is evidence that

OUR GOODS ARE RIGHT—OUR PRICES ARE RIGHT.

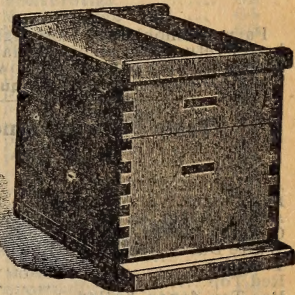
WE CAN SAVE YOU MONEY AND SERVE YOU PROMPTLY.

For detailed description and prices for sundry articles ask for Catalogue "C."

DOVETAILED BEE HIVES.

Order by number and carry out the price. Hives nailed and painted include sections but no foundation. Write for prices for large quantities.

| Name and Number. | Nailed & Painted Each. | In Flat or K. D. | | | Wt. of 10 lbs. | |
|---|------------------------|------------------|---------|---------|----------------|-----|
| | | Each. | 5 | 10 | | |
| No. 1E Dov. Hive—8-frame..... | \$ 2 25 | \$ 1 00 | \$ 8 25 | \$16 00 | \$38 75 | 260 |
| No. 2E Dov. Hive—..... | 2 75 | 2 40 | 10 50 | 20 00 | 49 50 | 320 |
| No. 5 Dov. Hive—..... | 2 75 | 2 40 | 10 50 | 20 00 | 49 50 | 300 |
| Super for 8-fr. Dove. Hive with flat tins only..... | | 30 | 1 25 | 2 40 | 5 75 | 40 |
| Complete Super for 8-fr. Dov. Hive..... | 75 | 50 | 2 25 | 4 00 | 9 50 | 70 |
| Bodies, with tin rabbets, 8-fr. | | 55 | 2 50 | 4 50 | 9 75 | 85 |
| Covers, 8-fr. | | 35 | 1 50 | 3 20 | 7 50 | 40 |
| Bottoms, 8-fr. | | 35 | 1 40 | 2 50 | 5 50 | 40 |
| No. 1E Dov. Hive—10-frame..... | 2 50 | 2 05 | 9 00 | 17 50 | 42 50 | 300 |
| No. 2E Dov. Hive—..... | 3 00 | 2 55 | 11 25 | 21 50 | 51 25 | 380 |
| No. 5 Dov. Hive—..... | 3 10 | 2 55 | 11 25 | 21 50 | 51 25 | 320 |



10-frame empty supers, 3c more than 8-frame. 10-frame complete supers, 5c more.
10-frame bodies, 3c more than 8-frame.
10-frame covers, 3c more than 8-frame.
10-frame bottoms, 3c more than 8-frame.

Parts of Hives.

Hoffman Improved Brood Frames. 10 for 30c., 100 for \$2.75, 500 for \$12.50.
Slotted Sawed Wood Separators. $4\frac{1}{2} \times 18\frac{1}{2}$ in. 100 for \$1, 500 for \$4.50.
Section Holders, slotted. $1\frac{1}{2}$ in. wide, 10 for 25c, 100 for \$2, 500 for \$9.50.

Perforated Zinc Queen Excluders and Honey Boards.

| | Each. | Per 10. | Per 50 |
|--|-------|---------|---------|
| Zinc, size $12 \times 19\frac{1}{2}$ for 8-frame Hives..... | \$ 22 | \$2 00 | \$ 9 50 |
| Zinc, size $14 \times 19\frac{1}{2}$ for 10-frame Hives..... | 25 | 2 05 | 10 50 |
| Wood bound zinc honey boards, nailed, for 8-fr. hives..... | 20 | 2 30 | |
| Wood bound zinc honey boards, nailed, for 10 fr. hives..... | 28 | 2 50 | |

Annealed Wire for Frames No. 30., per lb. spool 30c.

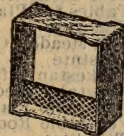
Section Honey Boxes.



Regular size $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$.

| | Grade No. 1. | No. 2 |
|---------------|----------------|-------|
| Per 100..... | \$ 75 | \$ 65 |
| Per 250..... | 1 50 | 1 25 |
| Per 500..... | 2 50 | 2 25 |
| Per 1000..... | 4 75 | 4 25 |
| Per 5000..... | per 1000, 4.50 | 4 00 |

Plain sections, 25c per thousand.



SECTION PRESS, Higginsville..... Each 50c
FOUNDATION FASTENER. Parker's..... 25c
FOUNDATION FASTENER. Daisy, complete.... 1 25

HONEY EXTRACTORS.

NO. 5, NOVICE. For Langstroth or Simplicity frames, weighs 45 pounds..... \$ 9 00
NO. 15, COWAN. Holds two frames, weighs 70 pounds 12 00
NO. 25, COWAN. Holds four frames, weighs 150 lbs.. 25 00
Wax Extractor. Doolittle Solar..... Each 4 50
Honey Knife. Bingham's for uncapping..... 70
By mail 80c.

Bee Smokers.

| | Each. | By mail. |
|--|-------|----------|
| CLARK'S COLD BLAST..... | 50 | 70 |
| HIGGINSVILLE. Best smoker made..... | 75 | 1 00 |
| BINGHAM'S. Large, $2\frac{1}{2}$ inch..... | 70 | 80 |
| " Conqueror, 3 inch..... | 75 | 1 00 |
| " Doctor, $3\frac{1}{2}$ inch..... | 85 | 1 10 |
| " Smoke Engine, 4 inch..... | 1 25 | 1 50 |

Bee Veils. Our own manufacture. No. 1, cotton tulle, with silk tulle face. Each prepaid, 50c.
No. 2, Cotton tulle throughout. Each, prepaid, 40c.

GLOBE BEE VEILS. With wire frame to fit overhead. Each, prepaid, \$1.

BEE BRUSHES. Coggsball's. Longstrands. Each 15c.
PORTER'S BEE ESCAPES. 20c each, \$2.25 per dozen.

RUBBER GLOVES. Ladies' Gauntlets. Sizes 6, 7 or 8, per pair, \$1 40.

RUBBER GLOVES. Gents' Gauntlets. Sizes 10, 11 or 12, per pair, \$1.50.

OILED CANVAS GLOVES. Large or small, per pair 50c.

BEE BOOKS.

The Amateur Bee Keeper. By J. W. Rouse. A good 80-page book for beginners. By mail, 25c.

A. B. C. of Bee Culture. By A. I. Root. Cloth bound, \$1.00. By mail, \$1.20.

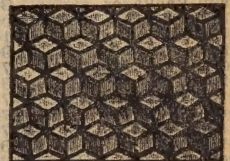
Langstroth on the Honey Bee. Revised by Dadant, \$1.10. By mail \$1.25.

Bee Keepers' Guide. By Prof. A. J. Cook. \$1.10. By mail, \$1.25.

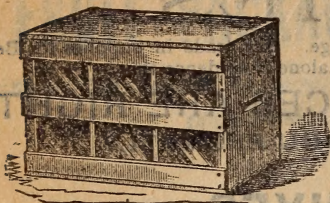
Advanced Bee Culture. By Hutchinson. By mail, 50c.

COMB FOUNDATION.

| Quantity. | For Brood Frames. | | For Sections. | |
|-----------------------------|---|---|---|--|
| | Medium Brood. Sheets $8 \times 16\frac{1}{2}$ $5\frac{1}{2}$ to 6 sq ft @ lb. | Thin. Sheets $3\frac{3}{4} \times 16\frac{1}{2}$ 10 to 11 sq ft @ lb. | Extra Thin. Sheets $3\frac{3}{4} \times 16\frac{1}{2}$ 12 to 13 sq ft @ lb. | |
| 1, 2, 5 lb. boxes @ lb..... | 55c | 62c | 66c | |
| 10 lb. boxes..... | 52c | 60c | 64c | |
| 25 lb. boxes..... | 50c | 57c | 61c | |



BEE SUPPLIES—Continued.
SHIPPING CASES



With Glass, Nails and Paper Complete. Original Crates are 50 cases each.

| | Each | Per 10 | Per 50 | Per 100 |
|--|-------|--------|---------|---------|
| 24-lb Double Tier, 2 1/2 inch glass | \$ 25 | \$2 25 | \$10 00 | \$19 00 |
| 24-lb Double Tier, 3 inch glass | 30 | 2 50 | 11 00 | 21 00 |
| 24-lb Single Tier, 2 1/2 inch glass | 25 | 2 00 | 9 50 | 18 00 |
| 24-lb Single Tier, 3 inch glass | 25 | 2 25 | 10 00 | 19 00 |
| 24-lb Single Tier, wood slide instead of glass | 20 | 1 75 | 8 50 | 16 50 |
| 12-lb Single Tier, with glass | 15 | 1 40 | 6 50 | 12 00 |

Extra glass at 2c each for Double Tier, and 3c each for Single Tier cases.

WE BUY BEES WAX AND PAY SPOT CASH.

Brass Syringes.

Well made instruments suitable for use in applying thin Insecticides in green house, etc. Style B. 13 1/2 inches long, 1 3/16 inches diameter. Price \$2.50.

FLAX SEED.

Farmers should not lose sight of the fact that flax can be raised where wheat is raised and where tried has brought better returns for amount of labor invested than wheat. Soon as ample supply is offered there will be greater demand. Thirty to forty pounds will sow an acre. We have choice Northern grown seed. Lb. 10c, 3 lbs, 25c. Ask for market price when quantity is wanted.

Table Showing Amount of Seed Necessary for an Acre and No. of Pounds to Bushel.

| | No. lbs. to bu. | No. lbs. to acra. | | |
|--|-----------------|-------------------|--------------------------------|-----------------|
| Alfalfa | 60 | 20 to 30 | Field Corn, in hills | 56 8 to 12 |
| Red Clover | 60 | 12 to 15 | Sweet Corn, in drills | 50 12 to 20 |
| Alsike Clover | 60 | 5 to 8 | Sweet Corn, in hills | 50 8 to 12 |
| Crimson Clover | 60 | 15 to 18 | Kafir Corn, for seed | 56 4 to 5 |
| White Dutch Clover, for Lawns | 60 | 10 to 12 | Kafir Corn, for fodder | 56 25 to 65 |
| Timothy | 45 | 10 to 12 | Oats | 32 50 to 65 |
| Red Top | 14 | 20 to 30 | Burley | 48 60 to 90 |
| Red Top, fancy, hulled | 32 | 15 to 20 | Rye | 56 60 to 90 |
| Kentucky Blue Grass, for pasture | 14 | 25 to 30 | Wheat | 60 60 to 80 |
| Kentucky Blue Grass, for lawn | 10 | 65 to 80 | Sugar Cane, in hills | 50 6 to 8 |
| For a fine lawn, 1 lb. for ground 10x15 feet square. | | | Sugar Cane broadcast | 50 40 to 65 |
| Orchard Grass | 14 | 20 to 25 | Beans, Navy, small | 60 20 to 35 |
| Engish Blue Grass, Meadow Fescue | 24 | 15 to 20 | Beans, Dwarf, garden | 60 60 to 80 |
| Fine Mixed Lawn Grass | 14 | 65 to 80 | Peas, field | 60 90 to 120 |
| Bromus Inermis | 50 | 15 to 25 | Peas, garden | 60 60 to 90 |
| Bermuda Grass | 50 | 2 to 3 | Carrots, for stock | 2 to 3 |
| Johnson Grass | 25 | 25 to 30 | Cucumber and Melon | 2 to 3 |
| Millet, in drills | 50 | 15 to 20 | Spinach | 10 to 15 |
| Millet, broadcast | 50 | 25 to 40 | Sugar Beets, for stock | 5 to 8 |
| Hungarian | 48 | 25 to 40 | Sugar Beets for sugar | 12 to 20 |
| Essex | 56 | 30 to 40 | Mangel Wurzel, for stock | 4 to 5 |
| Essex Rape, broadcast | 56 | 8 to 10 | Onion Seed | 4 to 5 |
| Essex Rape, drills | 56 | 4 to 5 | Onion Sets | 300 to 350 |
| Broom Corn, in drills | 46 | 4 to 6 | Turnip | 1 to 1 1/2 |
| Buckwheat | 50 | 25 to 40 | Potatoes, cut tubers | 60 400 to 600 |
| | | | Sweet Potatoes | 50 7,000 plants |

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Barteldes & Co.

1905
SEED Catalogue

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 23 ³⁰ | 24 ³¹ | 25 | 26 | 27 | 28 | 29 |
| 29 | 30 | 31 | | | | | | | | | | | |
| Feb. | | | | | | | Aug. | | | | | | |
| Sun | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat |
| 5 | 6 | 7 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 12 | 13 | 14 | 8 | 9 | 10 | 11 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 19 | 20 | 21 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 26 | 27 | 28 | 22 | 23 | 24 | 25 | 27 | 28 | 29 | 30 | 31 | | |
| March. | | | | | | | Sep. | | | | | | |
| Sun | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat |
| 5 | 6 | 7 | 1 | 2 | 3 | 4 | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
| 12 | 13 | 14 | 8 | 9 | 10 | 11 | 10 | 11 | 12 | 13 | 14 | 8 | 9 |
| 19 | 20 | 21 | 15 | 16 | 17 | 18 | 17 | 18 | 19 | 20 | 21 | 15 | 16 |
| 26 | 27 | 28 | 22 | 23 | 24 | 25 | 24 | 25 | 26 | 27 | 28 | 22 | 23 |
| | | | 29 | 30 | 31 | | | | | | | 29 | 30 |
| April. | | | | | | | Oct. | | | | | | |
| Sun | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 23 ³⁰ | 24 | 25 | 26 | 27 | 28 | 29 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| May. | | | | | | | Nov. | | | | | | |
| Sun | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat |
| 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 2 | 3 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 12 | 13 | 14 | 15 | 16 | 10 | 11 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 20 | 21 | 22 | 23 | 17 | 18 |
| 28 | 29 | 30 | 31 | | | | 26 | 27 | 28 | 29 | 30 | 24 | 25 |
| June. | | | | | | | Dec. | | | | | | |
| Sun | Mon | Tue | Wed | Thur | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat |
| 4 | 5 | 6 | 7 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
| 11 | 12 | 13 | 14 | 8 | 9 | 10 | 10 | 11 | 12 | 13 | 14 | 8 | 9 |
| 18 | 19 | 20 | 21 | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 21 | 15 | 16 |
| 25 | 26 | 27 | 28 | 22 | 23 | 24 ³¹ | 24 ³¹ | 25 | 26 | 27 | 28 | 22 | 23 |
| | | | | 29 | 30 | | | | | | | 29 | 30 |



DENVER, COLO.